SCH-a645 Series

A L L D I G I T A L

T r i - M o d e P H O N E

User Guide

Please read this manual before operating your phone, and keep it for future reference.

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Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Activating Your Phone
- Charging the Battery
- Setting Up Your Voice Mail

This section explains how to start using your phone by activating your service, setting up your voice mail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 205.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 171.

Notes and tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Fast Facts**: Are like snippets from a glossary. Fast facts provide definitions in context and proximity to the menu or feature in question.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Activating Your Phone

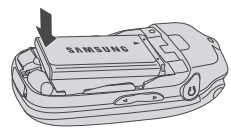
Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

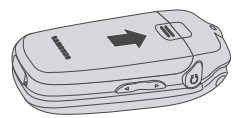
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. You can use your phone while the battery is charging, but the battery will take longer to recharge.

1. Insert the top end of the battery first, matching the gold contacts on the top end of the battery to those inside of the phone.



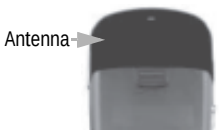
2. Press the bottom end of the battery down into the phone.
3. Place the battery cover over the battery and slide the cover upward into place.



Turn Your Phone On

1. Open the flip on your phone, as shown.
2. Press the key.
3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date and day appear in the bottom of the display.
5. You're now ready to place and receive calls.

Tip: Your phone has an internal antenna. Do not touch the phone case over the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.



Note: If you are outside of your carrier's coverage or roaming area, the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

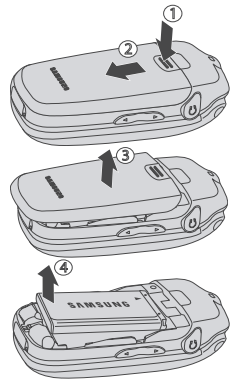
- Press and hold the key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Remove the Battery

Important! You must unplug the Travel Adapter (if it is connected) before removing the battery from the phone during charging to avoid damage.

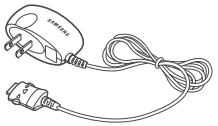
1. Press and hold the key to turn off the phone (if on).
2. Press the battery cover at point (1) and slide the cover (2) toward the bottom end of the phone.
3. Lift the battery cover (3) up and away from the phone, bottom end first.
4. Lift the battery (4) up and away from the phone, bottom end first.



Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Using other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

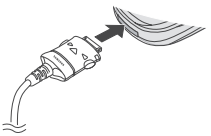


The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Note: For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.



Note: With the phone turned **OFF**, a discharged battery recharges fully in approximately 3 hours.

Low battery indicator

The battery indicator (▮▮▮) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Four bars (▮▮▮) indicate a full charge.
- An empty battery icon (▯) indicates a near empty battery.
- A blinking empty battery icon (▯) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone shuts down.

Setting Up Your Voice Mail

Voice mail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your voice mail account has been set up, you can use the Voice Mail folder (under the Message menu) to view details of voice messages in your voice mail box.

1. In idle mode, press and hold the key or dial your own mobile number to dial voice mail.
2. Press to interrupt the greeting.
3. Follow the prompts in the new user tutorial to setup your mail box.

Listen to voice mail

1. In idle mode, press and hold the key or dial your own mobile number to dial voice mail. After connecting, you will hear your voice greeting.
2. Interrupt your greeting by pressing .
3. You are then prompted to enter your password.

Section 1

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Closed View of Your Phone
- Open View of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone's Modes

This section outlines some key features of your phone. This section also explains the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

- 128 X 160 pixel Liquid Crystal Display
- High speed data (CDMA 2000 1X Technology)
- Global Positioning Technology (GPS)
- PIM functions (Scheduler, To Do List, etc.)
- Short (Text) Message Service (SMS)
- Voice Dial
- 32 Polyphonic Ringtones
- Speaker Phone

Closed View of Your Phone

Command Keys and Features

1. **Headset Connector** — Used for handsfree, Teletypewriter (TTY), and Telecommunication Device for the Deaf (TDD) equipment.
2. **External LCD** — Indicates when you have an incoming call or a message.

3. **Volume Key** — Lets you adjust the ringer volume in standby mode (with the flip open) or adjust the voice volume during a call. To mute the ringer during an incoming call, press the volume key up or down.
4. **Speaker** — The speaker, on the front of the flip, plays sounds such as ringtones and alerts.
5. **Speakerphone Key** — Lets you enable and disable speakerphone mode.

Open View of Your Phone

Command Keys and Features

1. **Speaker** — The speaker, on the front of the flip, plays sounds such as ringtones and alerts.
2. **Left Soft Key** — Performs the functions indicated by the screen text on the bottom of the internal display.
3. **SEND Key** — This key is used to initiate your calls.
4. **CLR (clear) Key** — Deletes characters from the display when you are in text entry mode. When in a menu, press to return to the previous menu.
5. **Voice Mail Hot Key** — Press and hold to automatically dial your voicemail.
6. **Microphone** — The microphone used during phone calls and voice memo recordings.
7. **Power/Accessory Connector** — Used to plug in the Travel Charger and to connect any available accessory cable.
8. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.
9. **Voice Recognition Key** — Lets you access your phone's voice recognition features.
10. **END/Power/Menu Exit Key** — Ends a call. Press and hold this key for a few seconds to turn your phone On or Off. When you receive an incoming call, press to mute the ringer and send the call to Voice Mail.
11. **OK Key** — Pressing when navigating through a menu accepts the highlighted choice in the menu.

12. **Right Soft Key** — Performs the functions indicated by the screen text on the bottom of the display.
13. **Navigation Key** — In menu mode, lets you browse and highlight menu options.
14. **Internal Display** — Displays the numbers, messages, and icons you need to operate your phone.
15. **Earpiece** — Plays sounds such as caller voices and call progress tones.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key and the right soft key .

Left Soft Key

Some functions of the left soft key are as follows.

- In standby mode, press the **Message** (left) soft key ( ) to open the **Messages** menu.
- When the left soft key function is Option, press the **Option** (left) soft key ( ) and a pop-up menu appears.

Right Soft Key

Some functions of the right soft key are as follows.

- In standby mode, press the **Contacts** (right) soft key ( ) to open the **Find** screen.
- When the right soft key function is Back, press the **Back** (right) soft key ( ) to back up one menu level.

OK Key

- In standby mode, press the **MENU** (OK) key to open the main menu.
- In a menu, press the OK key to accept the highlighted selection.
- When the **OK** key function is Edit, press the **Edit** (OK) key to edit a Draft message.

Clear Key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use the CLR key to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
2. To erase the entire sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode, press and hold CLR until you return to standby mode.

End Key

1. Press and hold the **End** key to turn your phone on or off.
2. Briefly press once to disconnect a call.
3. Press to return to standby mode from any menu, or to cancel the last input.

Send Key

The **Send** key is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press once to answer calls.
2. Enter a number and briefly press to make a call.
3. Briefly press in standby mode to display a list of recent calls to and from your phone.
4. Press twice in standby mode to call the most recent number.
5. Press to pick up a waiting call. Press again to switch back to the other call.

Navigation Key

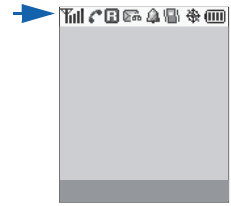
Use the directional keys on the navigation key to browse menus, sub menus, and lists. Each key also acts as a shortcut to launch applications.

Speakerphone Key

Use the speakerphone key ( ) — located on the right side of your phone — to switch from using the earpiece to the speakerphone before or during a call. Use the volume keys — located on the left side of your phone — to adjust the volume. Press the speakerphone key to enable and disable the speakerphone option.

Understanding the Display Screen

The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more. The following list contains icons that may appear in your display.



Display screen icons

Signal strength—Always appears when your phone is on and indicates the current signal strength. More lines indicate higher signal strength.

Service indicator—Indicates a call in progress. When dialing a number, this icon flashes until the call connects.

No service indicator—Indicates your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move into an open area to try and find a signal. The no service indicator always appears when you turn on your phone and disappears once service is located.

1X Protocol — Indicates your phone is using the 1X protocol.

I**S95-2G Protocol** — Indicates your phone is using the IS95-2G protocol. This protocol is not capable of high speed data.

Analog mode indicator — Indicates your phone is operating in an analog service area or that digital service has been interrupted. Also indicates that some network features are not available. Also, you may need to recharge your phone's battery more often while in an analog service area.

Roam — Extended roaming indicator. Roaming occurs when you use your phone outside your home area. While roaming, a wireless provider other than yours handles your call, so the service rate for the call may be higher than for calls made within your home area. Please refer to information from your Wireless Provider on roaming rates.

New Message — Indicates that you've received a new text, page, or web alert message. You're also notified by a visual and audible alert.

Voice Mail — Indicates that you've received a new voice mail.

Alarm clock — The alarm clock is set.

Vibrate plus Ring — Your phone is in vibrate plus ring mode. When you receive a call, the phone vibrates and rings.

Ring — Your phone is in ring mode. When you receive a call, the phone rings.

Vibrate mode — Your phone is in vibrate mode. When you receive a call, the phone vibrates instead of ringing.

Ringer Silent — The ringer has been set to **Silent** using the volume key on the side of the phone.

Silent mode — Indicates your phone is in silent mode. Ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you of incoming calls, alerts, and messages by vibration and a flashing Service LED.

GPS (911 only) — This icon represents Global Positioning Service (GPS) for 911.

GPS — Indicates GPS is on for location.

Battery strength — Indicates the battery charge level. The more black bars, the greater the charge. When the battery becomes very low, a flashing empty battery icon displays and the phone sounds an audible alert, which indicates your phone is about to shut down.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice**
  - Example: “Save to draft?”
- **Reconfirm**
  - Example: “Erase all inbox msgs?”
- **Performing**
  - Example: “Sending...” “Connecting...”
- **Completed**
  - Example: “Message Saved”

- **Information**
  - Example: “New Message”
- **Error**
  - Example: “System Error!”
- **Warning**
  - Example: “Battery Low,” “Memory Full!”

Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after one minute to conserve battery power, regardless of the Backlight setting.

See “Backlight” on page 112 for more information.

External Display

Your phone has an external display on the outside of the flip. When you close the phone, the external display shows a digital clock.

Icons that appear in the external display indicate the following:

- Incoming calls and messages
- Alarms and alerts
- Battery charge level
- Signal strength

Your Phone's Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **MENU** (OK) key, then press (for **Setup**), (for **Call Options**), and for **Call Answer**. The following call answer options appear in the display:
   - **Send Key** — Only pressing answers a call.
   - **Flip Open** — Opening the phone's flip or pressing answers a call.
   - **Any Key** — Pressing any key except the key, the key, or the key answers a call.
2. Use the navigation keys to highlight an option.
3. Press the OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the **Option** (left) soft key ( ), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Alpha**, **Symbol**, **Number**, and **Canned**. (See "Section 5: Entering Text" on page 65 for more information.)

Tip: You can also cycle between **T9 Word**, **Alpha**, and **Number** by repeatedly pressing and holding . The **Canned** mode is available only when working with Messages.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See “Lock Phone” on page 157 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press to place a call.
2. Press to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives.

- Press the **View** (right) soft key ( ) to view now.
- Press the **Ignore** (left) soft key ( ) to view later.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **MENU** (OK) key to display a list of menu options. See "In Use Menu Outline" on page 56 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold . **Entering Silent Mode** briefly appears in the display and your phone does not play ringtones for incoming calls or sound alert tones.
- While in Silent mode and standby mode, press and hold . **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

- In standby mode, repeatedly press the volume key () down until **Vibrate** appears in the display. Your phone will now vibrate when you receive a call, but will play tones for alerts.

  The volume key is on the left side of phone, near the Send key ().

Adjust the Ringer

1. In standby mode, press the volume key () on the left side of the phone up or down. Options are:
   - Silent
   - Vibrate
   - 1 Beep
   - Level 1
   - Level 2
   - Level 3
   - Level 4
   - Level 5
   - Vib+Ring

2. When you are satisfied with the setting, press the OK key. Your phone returns to standby mode.

Tip: You can also enter the **Volume/Vibrate** sub-menu by pressing the **MENU** (OK) key, then pressing the and and keys. Use the volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon ( ) appears in the display when the phone is in **Vibrate** mode. The or Vibrate plus Ring icon ( ) appears in the display when the phone is in or **Vib+Ring** mode.

Section 3: Call Functions

Topics Covered

- Making a Call — Number Entry Dialing
- Making a Call — Speed Dialing
- Making a Call — Voice Dialing
- Answering a Call
- Ignoring a Call
- Adjusting the Call Volume
- Calls Log
- Phone Modes
- Roaming

This section explains how to make or answer a call. This section also includes the features and functionality associated with making or answering a call.

Making a Call — Number Entry Dialing

1. With the phone on, enter the number you wish to call using the keypad.
2. Press the SEND key to place the call.

Dialing Emergency Numbers

You can dial any of the numbers 911, *911, or #911 to place an emergency call.

If you dial 911, *911, or #911 and press the SEND key, your phone dials the emergency number 911, automatically.

IMPORTANT! Emergency number 911 is hard-coded into your phone. You can dial this number almost any time, even when the phone is locked or restricted.

You CANNOT, however, make emergency calls with **Airplane Mode** set to **On**. (See “Airplane Mode” on page 169 for more information.)

If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

IMPORTANT! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

IMPORTANT! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Dialing International Numbers

Call another country from the U.S.

1. In standby mode, enter the three-digit exit code (011) for the United States.
2. Enter the country code for the country that you are calling.
3. Enter the number that you wish to call, then press the SEND key.

Note: Puerto Rico and Canada are on the North American dialing plan. When making calls to Puerto Rico and Canada it is similar to making calls within the United States, no unique country codes are necessary.

Placing calls when outside the U.S. — Mexico

- **Calling locally within Mexico:** Dial the seven or eight-digit number.
- **Calling long distance within Mexico:** Dial 01, plus the ten-digit number (includes area code).
- **Calling to the U.S. or Canada from Mexico:** Dial 001, plus the ten-digit number (includes area code).
- **Calling Voicemail from Mexico:** Dial 001, plus your ten-digit wireless number. Once you hear the recorded prompt, press 1 and enter your passcode.

Manual Pause Calling

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2 Sec Pause** — stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait** — stops the calling sequence until you press the key.

To manually call a number with pause(s) without storing it to your Contacts:

1. Enter the number you wish to call.
2. Press the **Options** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **2 Sec Pause** — a two-second pause.
   - **Wait** — a hard pause (awaits input from you).
   - **Send Text Msg** — For more information, see “Creating and Sending New Text Messages” on page 94.
3. Use the navigation keys to highlight the desired pause option.
4. Press to enter the highlighted pause into your number sequence.
5. Press to call the number.

Making a Call — Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (See "Assigning Speed Dial Numbers" on page 85 for more information.)

One-Touch Dialing

Memory locations 002 through 009 are special One-Touch dialing locations. You can call the phone numbers stored in your phone's Contacts list from 002 through 009 by pressing and holding a single key.

Example: For location number 003, press and hold the key until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Memory locations 010 through 099 are special Two-Touch dialing locations.

Example: For location number 013, briefly press the key, then press and hold the key until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

Memory locations 100 through 500 are special Three-Touch dialing locations.

Example: For location number 113, briefly press the key, briefly press the key again, then press and hold the key until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains 2 Sec (two-second) pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains Wait(s) [hard pause(s)], wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Making a Call — Voice Dialing

Your SCH-a645 mobile phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice.

Using Voice Dial

Use the **Voice Dial** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use Voice Dial to dial any valid telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press the Voice Recognition key ( ).

   "**Say a Command**" appears in the display and is pronounced through the earpiece.

2. Say, "**Voice Dial**".

   You are prompted to "**Say the name or number**".

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See "Choice Lists Settings" on page 139, for more information.)

   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ) and press the **Cancel** right soft key ( ) to exit Voice Dial without dialing.

If the recognized name has multiple numbers stored for it (that is, Mobile, Office, Home, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"

5. Say one of the following number types:
   - "**Mobile**"
   - "**Office**"
   - "**Home**"
   - "**Pager**"
   - "**Fax**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press the Voice Recognition key ( ).

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Voice Dial**".

   VoiceSignal prompts you to "**Say the name or number**."

3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 9 7 0 5 2 0 0."*

   If it recognizes the number, Voice Dial repeats it and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See "Choice Lists Settings" on page 139, for more information.)
   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ) and press the **Cancel** right soft key ( ) to exit Voice Dial without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains 2 Sec (two-second) pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains Wait(s) [hard pause(s)], wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides: nine ring volume settings including 1- beep, Vibrate, Silent, or Vibrate+Ring, and/or different ring types to distinguish callers.)
- The display (Front or Main) lights.
- A phone number (unless blocked by the caller) and/or a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.

Your phone continues to notify you of the call until one of the following events occurs:

- You answer the call.
- You ignore the call.
- The calling party ends the call.
- The call is sent to voicemail.

Answering an Incoming Call

- Press the key. The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls when you open the flip, when you press any key but the key, or automatically. (See "Call Options" on page 162 for more information.

Ignoring a Call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

- During an incoming call, press the **Ignore** (right) soft key ( ). The caller is forwarded to your voice mail.

Adjusting the Call Volume

In standby mode, repeatedly press the Volume key ( ) down until the desired Call Volume Level appears in the display. The Volume key is on the left side of phone.

Calls Log

The Calls log retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the time totals for all calls.

Review the Calls Log

1. In standby mode, press the **MENU** (OK) key. The Main Menu appears in the display.
2. Press the 2abc key (for **Calls**).
3. Press the number key associated with the Calls log that you wish to review or the function you wish to access:
   - Press 1 for **Outgoing** calls.
   - Press 2abc for **Incoming** calls.
   - Press 3def for **Missed** calls.
   - Press 4ghi for **Erase Logs**.
   - Press 5jkl for **Call Timer**.
   - Press 6mno for **Data Counter**.

Note: In cases where there is a Contacts match for a Calls log entry, the name associated with the number appears in the display instead of the number.

Outgoing Calls

Your phone retains information about the last 20 outgoing calls and stores them in the Outgoing calls log. You can review the Outgoing calls log for the time and date of a call, as well as other information.

Note: To quickly view your most recent calls, briefly press in standby mode. Up to 20 of your most recent outgoing, incoming, and missed calls appear in the display.

1. In standby mode, press the **MENU** (OK) key, then press (for **Calls**) and for **Outgoing**. A list of your outgoing calls appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Talk** — Call the selected number.
   - **Save** — Save the number to your Contacts.
   - **Prepend** — Add a prefix to the number.
   - **Erase** — Erase the selected call from your Outgoing call log.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Incoming Calls

Your phone retains information about the last 20 Incoming calls and stores them in the Incoming call log. You can review the Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** (OK) key, then press (for **Calls**) and for **Incoming**. A list of your Incoming calls appears in the display.
2. Use the navigation keys to highlight a call, then press the OK key to view further information about the call.
3. Press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Talk** — Call the selected number.
   - **Save** — Save the number to your Contacts.

- **Prepend** — Add a prefix to the number.
- **Erase** — Erase the selected call from your incoming call list.

4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Missed Calls

Your phone retains information about the last 20 missed calls (calls that were never answered) and stores them in the **Missed** call log. You can review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Calls**) and 5jkl for **Missed**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press the OK key to view further information about the call.
3. Press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Talk** — Call the selected number
   - **Save** — Save the number to your Contacts.
   - **Prepend** — Add a prefix to the number
   - **Erase** — Erase the selected call from your incoming call list.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Erase Logs

You can erase the **Outgoing**, **Incoming**, or **Missed** calls log or you can erase **All Calls**.

Erase All Calls

1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Calls**), 4ghi (for **Erase Logs**), and 1 for **All Calls**.

   "**Erase All Calls?**" appears in the display as well as the following options:

   - **Yes** — Erases all calls in the Calls log.
   - **No** — Cancels erasing calls.

2. Use the navigation keys to highlight the desired option, then press the OK key.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of you phone using the Call Timer feature.

Note: Call Timer is not for billing purposes.

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1. In standby mode, press the **MENU** (OK) key then press 2abc (for **Calls**) and 3def for **Call Timer**. The following options appear in the display:

   - **Last Call** — View the duration of your last call.
   - **Total** — View the duration of the total call, incoming and outgoing, made on your phone since the last erasure.
   - **LifeTime** — View the duration of all calls on your phone since activation (LifeTime timers cannot be erased).
   - **Erase Total** — Erases the counters for the Total call timer.

Press the number of the option you wish enter, or use the navigation keys to highlight the option and press the OK key.

2. Press the BACK key if you wish to exit the menu.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports, such as **easy**edge℠. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press the **MENU** (OK) key then press 2abc (for **Calls**) and 6mno for **Data Counter**. The following options appear in the display:
   - **Transmit** — View the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — View the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — View the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Erase Total** — Erase (reset) the **Transmit**, **Received**, and **Total** data counters.

Phone Modes

Standby Mode

Standby mode is the state of your phone once it is powered on and has found a wireless service. Your phone goes into standby mode:

- After you power the phone on.
- When you press the END key after a call or from within a menu or phone function screen.

When in standby mode, you will see the time, day, and date in the display as well as all currently active icons.

When in standby mode, you can:

- Make calls.
- Receive calls and messages.
- Access your phone's menus.
- Change your phone's mode.
- Activate Voice Command.

Receive Messages in Standby Mode

You can receive messages while in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives.

- Press the **View** (right) soft key ( ) to view the message now.
- Press the **Ignore** (left) soft key ( ) to view the message later.

Talk Mode

While in a call your phone is in talk mode. Press the left soft key ( ) to display a list of In-Use menu options. (See "In Use Menu Outline" on page 56 for more information).

Lock Mode

When you lock your phone using the **Lock Mode** menu option (see "Lock Phone" on page 157 for more information), the following restrictions are placed on use of your phone:

- You can receive messages and calls.
- You cannot make outgoing calls (except for emergency numbers).
- You cannot access your phone's menus.
- The volume key is disabled.

Unlock your phone by following the prompts and entering the lock code.

Silent Mode

With a single press of the key you can silence the call ringer and tones that your keypad makes whenever you press a key.

When you receive a call, the phone vibrates instead of ringing.

Enter Silent Mode

- In standby mode, press and hold the key.

  "**Entering Silent Mode**" briefly appears in the display and your phone returns to standby mode.

  The Silent Mode icon () appears in the top line of the display.

Exit Silent Mode

- In standby mode, press and hold the key.

"**Exit Silent Mode**" briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

You can set your phone to vibrate whenever you receive an incoming call using either of the following methods:

- In standby mode, repeatedly press the **Down** volume key ( ) on the left side of the phone until **Vibrate** appears in the display, or do the following:
  - In standby mode, press the **MENU** ( ) key, then press (for **Sounds**), (for **Volume/Vibrate**), and for **Calls**.
  - Press the Left navigation key until "**Vibrate**" appears in the display, then press the key.

Text Input Modes

You use your phone's text input modes (Alpha, Symbol, Number, or T9 Word) to enter text, numbers, or symbols into messages, events, and other functions. The current text input mode is indicated in the lower right part of the display.

Note: See "Section 5: Entering Text" on page 65 for more information about text input modes.

Alpha (ABC) Mode

Enter characters while in Alpha mode by pressing the key with the desired characters (such as for "a").

- Press the key repeatedly until the desired character (letter, number, or symbol) appears in the display.
- Pause briefly and the displayed character is accepted and inserted into your message.

- Press to enter a space.

Tip: To enter large numbers of symbols or numbers quickly, use Symbol mode or Number mode as described in the following sections.

Symbol Mode

Symbol mode lets you use keypad number keys to enter symbols such as @ or % into a text message, event, or e-mail address without going through repeated key presses as with Alpha mode.

You press the key that corresponds with the symbol that you wish to enter. For example, press for an exclamation point (!).

Number (123) Mode

Number mode lets you use keypad number keys to enter numbers into a text message, event, or e-mail address without going through repeated key presses as with Alpha mode.

T9 Word Text Entry Mode

T9 Word recognizes a commonly used word that is represented by a sequence of number key presses and inserts that word into your message. (For example, entering ‘8378’ would insert ‘test’ into your message.) Using T9 Word is much faster than the more traditional text input method (Alpha mode) and requires only one press of a key per letter of the word that you’re entering. [For example, in Alpha mode, you would have to enter ‘83377778’ for ‘test’ instead of entering ‘8378’ for ‘test’ as in T9 Word mode.]

Note: See "Entering Text in T9 Word Mode" on page 68 for more information about using the T9 Word text input mode.

Roaming

What is Roaming?

Roaming lets you use your SCH-a645 phone when you travel outside of your Wireless Provider's coverage area. The Roaming icon ( ) appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Provider for more information about Roaming.

How Roaming Works

Roam Option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home only** — Your phone is available for normal operation only in the designated coverage area.
- **Automatic-A** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital "A" system is acquired.
- **Automatic-B** — Your Wireless Provider's PRL is used to acquire service. If no preferred networks are found, any digital "B" system is acquired.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- In Use Menu Outline
- Menus and sub-menus

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Menu Navigation

You access the menus and sub-menus in your phone by using the navigation keys ( ), soft keys ( ), or a shortcut.

Navigate Using Keys

1. In standby mode, press the **MENU** ( ) key. The Main menu (the first of several menus) appears in the display.
2. Use the navigation keys to browse through the menus in your phone.
3. Press the key to select a menu or sub-menu that then appears in the display.

Return to the Previous Menu

There are two methods for exiting a menu or list.

- Press the **Back** (right) soft key ( ).
- Press the **Clear** key ( ).

Navigate Using a Shortcut

You can also access the menus and sub-menus in your phone using menu item numbers. Using the menu and sub-menu numbers in conjunction with the **OK** key ( ) takes you directly to the menu or sub-menu of your choice. Before you can navigate using a shortcut, you'll need to know the menu or sub-menu number of the feature that you wish access.

Note: Use the list of menus and sub-menus, which begins on page 57, to navigate using shortcuts.

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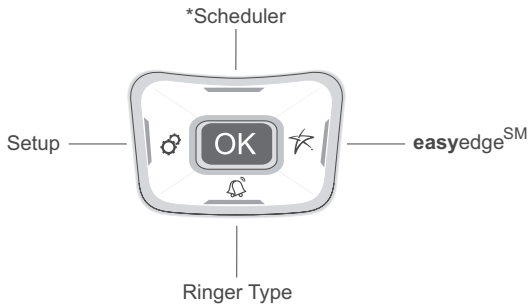
1. In standby mode, the **MENU** (OK) key. The Main menu appears in the display.
2. Press the number of the menu, sub-menu, and so on for the feature that you wish to access.

   Example: *Press the OK key, then press the 8 key, and then the 7 key. This takes you to the **Tools** (Menu 8), and then to the **To Do List** (sub-menu 5).*

Navigation key shortcuts

Some applications can be launched by pressing one of the four navigation keys (see the illustration) while in standby mode.



*Scheduler can be customized. Press the **MENU** key (OK), then press 9, 5.

In Use Menu Outline

Your phone includes both a Main menu and an In-Use Menu. The In-Use Menu is accessible only when you are in a call.

1. Press the left soft key ( ), while in a call to display the following options.
   - **Calls** — Checks your call log for outgoing, incoming, and missed calls. You can also erase your call logs from this menu.
   - **Contacts** — Accesses Contacts menu options.
   - **Voice Memo** — Records and saves voice memos.
   - **Silent/Quit** — Activates or deactivates Silent Mode. In Silent Mode, your phones ringer is silent and keypad tones are also muted. This feature should not be used when you access automated services that require you to select options, or enter numbers (such as your voice mail password).
   - **Send Tel#** — Send your phone number to the other party of the call.
   - **Send DTMF** — Send your phone number as Dual-Tone Multi-Frequency dialing tones (if you're the recipient of the call). Send the recipient's phone number as dialing tones (if you're the originator of the call).
   - **Voice Privacy** — Set Voice Privacy to Standard or Enhanced mode. Voice Privacy prevents the receiving party from seeing your number when you call.
   - **Location** — Enable the GPS feature for emergency calls only (911 Only), or fully enable GPS (Location On).
   - **Version** — View the software and hardware versions for your phone.
2. Use the navigation keys to highlight an option. Press the OK key to select the **In-Use Menu** option of your choice.

3. Press the **MUTE/Unmute** (left) soft key ( ) to Mute (caller cannot hear you) or Unmute the current call.
4. Press the **MSG** (right) soft key ( ) to access the **Messages** menu to receive, review, and send messages during the current call.

Menus and sub-menus

1 Contacts

- 1.1 Find
- 1.2 Add
  - 1.2.1 Number
  - 1.2.2 Email
- 1.3 Rename Group
  - 1.3.1 Friend
  - 1.3.2 Family
  - 1.3.3 Colleague
  - 1.3.4 VIP
  - 1.3.5 No Name
- 1.4 My Phone#
- 1.5 Memory

2 Calls

- 2.1 Outgoing
- 2.2 Incoming
- 2.3 Missed
- 2.4 Erase Logs
  - 2.4.1 Outgoing

2.4.2 Incoming
2.4.3 Missed
2.4.4 All Calls
2.5 Call Timer
2.5.1 Last Call
2.5.2 Total
2.5.3 Lifetime
2.5.4 Erase Total
2.6 Data Counter
2.6.1 Transmit
2.6.2 Received
2.6.3 Total
2.6.4 Erase Total

3 Messages

3.1 New Text Msg
3.2 Inbox
3.3 Outbox
3.4 Drafts
3.5 Voice Mail
3.6 Msg Setting
3.6.1 Send Setting
3.6.1.1 Save In Outbox
3.6.1.2 Insert Sign.
3.6.1.3 Delivery Ack
3.6.1.4 Direct View
3.6.1.5 Signature
3.6.1.6 Callback#
3.6.1.7 Block Address

3.6.1.7.1 Block
3.6.1.7.2 Unblock
3.6.1.7.3 View Blocked List
3.6.2 Entry Mode
3.6.3 Canned Msg
3.6.4 Msg Alert
3.6.4.1 Volume/Vibrate
3.6.4.2 Type
3.6.4.3 Reminder
3.6.4.4 Alert On Call
3.6.5 Auto Delete
3.6.6 Voicemail #
3.7 Erase Msg
3.7.1 Voice
3.7.2 Inbox
3.7.3 Outbox
3.7.4 Drafts
3.7.5 All Messages

4 easyedge[SM]

4.1 **easy**edge

5 Display

5.1 Menu Style
5.2 Animation
5.2.1 Opening
5.2.1.1 My Image
5.2.1.2 Preloaded

5.2.2 Closing
5.2.2.1 My Image
5.2.2.2 Preloaded
5.2.3 Wallpaper
5.2.3.1 My Image
5.2.3.2 Preloaded
5.3 Theme
5.4 Banner
5.5 Backlight
5.5.1 Main LCD
5.5.2 Keypad
5.5.3 Power Save
5.5.4 Brightness
5.6 Auto-Hyphen
5.7 Dial Digits
5.8 Dial Screen
5.9 Contrast
5.9.1 Main LCD
5.9.2 Front LCD

6 Sounds

6.1 Volume/Vibrate
6.1.1 Calls
6.1.2 Alarm
6.2 Ringer Type
6.2.1 Calls
6.2.2 Alarm
6.2.3 Data

6.2.4 Calendar
6.3 Key Beep
6.3.1 Volume
6.3.2 Tone Length
6.4 Alerts
6.4.1 Minute Beep
6.4.2 Service
6.4.3 Connect
6.4.4 Disconnect
6.4.5 Fade
6.4.6 Roam
6.4.7 Privacy
6.5 Power On/Off
6.6 Roam Ringer
6.7 Whisper Mode

7 Gallery
7.1 Image Gallery
7.1.1 Preloaded
7.1.2 Downloaded
7.2 Melody Gallery
7.2.1 Preloaded
7.2.2 Downloaded
7.3 Animelody Gallery

8 Tools
8.1 Voice Kit
8.1.1 Voice Command

8.1.2 Voice Memo
8.1.2.1 Record
8.1.2.2 Review
8.1.2.3 Erase All
8.1.3 Voice Setting
8.1.3.1 Digit Dialing
8.1.3.1.1 Adapt Digits
8.1.3.1.2 Reset Digits
8.1.3.2 Sensitivity
8.1.3.2.1 Commands
8.1.3.2.2 Names
8.1.3.3 Choice Lists
8.1.3.3.1 Name Dialing
8.1.3.3.2 Digit Dialing
8.1.3.3.3 Contacts
8.1.3.4 Sound
8.1.3.4.1 Prompts
8.1.3.4.2 Digits
8.1.3.4.3 Names
8.1.3.4.4 Name Settings
8.1.3.5 Voice Launch
8.1.3.6 About
8.2 Today
8.3 Calendar
8.4 Jump To Date
8.5 To Do List
8.6 Memo Pad
8.7 Count Down
8.8 Alarm Clock
8.8.1 Alarm Clock 1

8.8.2 Alarm Clock 2
8.8.3 Alarm Clock 3
8.9 World Time
8.0 Calculator

9 Setup

9.1 Location
9.2 Network
9.2.1 Set NAM
9.2.2 Roam Option
9.3 Security
9.3.1 Lock Phone
9.3.2 Change Lock
9.3.3 Emergency #
9.3.4 Voice Privacy
9.3.5 Restriction
9.3.5.1 Outgoing
9.3.5.2 Incoming
9.3.5.3 Contacts
9.3.6 Erase Memory
9.3.7 Reset Phone
9.4 Call Options
9.4.1 Auto Retry
9.4.2 Data
9.4.2.1 Auto Detect
9.4.2.2 Baud Rate
9.4.3 Call Answer
9.4.4 Auto Answer

9.4.5 TTY Mode
9.4.6 International Dialing
9.5 Shortcut
9.6 Language
9.7 Clock Set
9.8 Version
9.9 Airplane Mode

Section 5: Entering Text

Topics Covered

- Text Entry Modes
- Changing the Text Entry Mode
- Entering Text in Alpha (ABC) Mode
- Entering Text in T9 Word Mode
- Entering Upper and Lower Case Letters
- Entering Symbols
- Entering Numbers

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes associated with entering text.

Text Entry Modes

You can compose text messages using alphabetical characters, symbols, and numbers. Each method of character entry (symbol, number, and so on) is called a text entry mode. There are four text entry modes, as indicated:

- **Alpha** — Alphabetical text entry mode. Options are:
  - **ABC** — All upper case
  - **Abc** — Initial capital
  - **abc** — All lower case
- **Symbol** — Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.
- **Number** — Number entry. Enter numbers by pressing the corresponding key on the keypad.
- **T9 Word** — Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.

Your current mode of text entry (**Alpha, Symbol, Number,** or **T9 Word**) is indicated in the lower left part of the display when composing a text message.

Note: Each of the text entry modes are explained in greater detail in 'Section 7: Messaging" on page 93.

Changing the Text Entry Mode

1. While composing a text message, press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **T9 Word**

- **Alpha**
- **Symbol**
- **Number**
- **Canned**

T9 Word is highlighted. Use the **Up** and **Down** navigation keys to show any of the other four text entry modes.

2. Press the OK key to select the highlighted text mode.

Tip: You can also change the text entry mode to **abc**, **123**, or **T9 word** by by repeatedly pressing and holding the # key until the desired mode appears in the lower right side of the screen.

Entering Text in Alpha (ABC) Mode

Note: See ‘Changing the Text Entry Mode” on page 66 for instructions on changing text entry modes.

1. Enter characters while in Alpha mode by pressing the key with the desired characters (such as, pressing 7 PQRS once for “g”).
2. Press the key repeatedly until the desired character appears in the display (such as, pressing 4 GHI two times for “h”).
3. Pause briefly and the displayed character is accepted and inserted into your message.
4. Press the 0 key to enter a space.

Entering Text in T9 Word Mode

T9 Word recognizes commonly used words for a sequence of keypresses and inserts the word into your message. Using T9 mode is much faster than the more traditional method Alpha mode, since T9 *requires only one key press per letter* of the word that you are spelling.

Note: See 'Changing the Text Entry Mode" on page 66 for instructions on changing text entry modes.

1. While in **T9 Word** mode, press each key that corresponds to a desired letter, in sequence, one time.

   For example, if you press the key sequence , and the word "bad" appears on the screen.

2. When you have completed pressing all the keys for the desired word, review the word displayed in your text.

3. If the word is not the one you meant to enter, press the key to show the next word that matches the sequence of keys that you pressed.

   For example, when you press the key sequence , the word "and" appears on the screen. Suppose the word you want is "cod". Just press the key until "cod" appears in the display.

Note: If more than one word shares the same numeric sequence (such as, "263" for both "and" and "cod"), T9 Word provides the most commonly used word (such as, "and" for "263"). Press the key to display other words, if any are available.

Now, for practice, enter the work ‘Samsung’ into your message by pressing each of the following keys only once:

S A M S U N G

T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is “Samsung.”

Entering Upper and Lower Case Letters

In **Alpha** and **T9 Word** modes, you can select to enter only upper case letters (**ABC**/**T9 WORD**), only lower case letters (**abc**/**T9 word**), or a mix of the two (**Abc**/**T9 Word**).

1. While in **T9 Word** or **Alpha** mode, use the key to change the capitalization setting. Simply press the key repeatedly until the desired capitalization mode appears.

   The text entry mode indicator in the lower left corner of the screen changes to indicate the current capitalization setting.

   For example, if the left soft key label is **ABC**, and you want to enter the word “ball”, press the key until the left soft key label changes to **abc**, then enter the word “ball”.

Tip: To enter a capital letter within a word, such as “SimTam”, change the capitalization setting to **Abc** at the beginning of the word and before entering the “T”. The capitalization setting will automatically change to **abc** after you enter each upper case letter.

Entering Symbols

Symbol mode enables you to enter symbols such as @ or % in a text message.

1. While composing a text message, press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **T9 Word**
   - **Aplpha**
   - **Symbol**
   - **Number**
   - **Canned**

   Alpha is highlighted. Use the **Left** and **Right** navigation keys to display **Symbol**, then press the OK key. The first of four screens of symbols appear in the display.
2. Use the **Left** and **Right** navigation keys to page through the other symbols, if necessary.
3. Enter the key that corresponds with the symbol that you wish to enter. For example, on the first page, press for an exclamation point (!).
4. Repeat steps 2 and 3 to insert as many symbols into your message as desired.

Entering Numbers

Enter numbers into a text message while in Number mode (123). See ‘Changing the Text Entry Mode” on page 66 for instructions on changing text entry modes.

Note: See ‘Changing the Text Entry Mode” on page 66 for instructions on changing text entry modes.

- While in Number (123) mode, press the key containing the corresponding number that you wish to insert into your message.

Section 5

Section 6: Understanding Your Contacts

Topics Covered

- Your Contacts List
- Adding a New Contacts Entry
- Finding a Contacts Entry
- Editing an Existing Contact Entry
- Renaming a Contacts Group
- Deleting a Contacts Entry
- Memory

This section explains how to manage your daily contacts by storing their name and number in your Contacts. Contacts entries can be sorted by name, entry, or group.

Your Contacts List

Your Contacts list can store up to 500 numbers, with each contact having up to five associated phone numbers, an e-mail address, and a picture ID.

Each phone number can be up to 32 digits in length, including hard pauses. Contact names can be up to 22 characters in length. You can also specify a memory location for each entry, and you can restrict access to the Contacts list to prevent unauthorized use.

Tip: One-Touch, **Two-Touch**, and **Three-Touch Dialing** allow you to call numbers stored in your Contacts list faster. (See page 37.)

Open Your Contacts List

1. In standby mode, press the **MENU** (OK) key, then press for **Contacts**. The following Contacts sub-menus and options appear in the display:
   - **Find** — Find a phone number By Name, By Entry, or By Group.
   - **Add** — Add a number or e-mail to your Contacts.
   - **Rename Group** — Rename one of your five groups.
   - **My Phone#** — View the phone number assigned to your phone.
   - **Memory** — View available memory for dial entries.
2. Use the navigation keys to highlight the Contacts sub-menu or option of your choice, and press the OK key.

Tip: You can also access a sub-menu or menu option by pressing the number key corresponds to the menu item number. For example, press for **Add**.

Adding a New Contacts Entry

You can add an entirely new entry to your Contacts list or add information to an existing entry.

Using the Contacts Add Option

1. In standby mode, press the **MENU** (OK) key, then press 6 MNO (for **Contacts**) and 2 ABC for **Add**. The following options appear in the display:
   - **Number** — Lets you enter a number to be dialed when calling the new contact.
   - **Email** — Lets you enter an e-mail address for the new contact.
2. Use the navigation keys to highlight the desired option and press the OK key.
3. Enter the phone number or e-mail address for the new Contacts entry, then press the OK key. The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.
   - **Find** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.
4. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:

5. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.

6. Enter a name or phrase to associate with the type using the keypad. (See “Section 5: Entering Text” on page 65 for more information.)
7. Press the OK key to save the entry.

Adding Pauses to Contacts Numbers

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2 Sec Pause** — stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait** — stops the calling sequence until you press the MENU key.

Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds.

Note: Keep in mind that pauses count as digits towards the 32-digit maximum.

Store Pauses in a Contacts Entry

1. In standby mode, enter the number you wish to store (such as your bank’s teleservice number).
2. Press the **Option** (left) soft key ( ). The following pause menu options appear in the display:
   - **2 Sec Pause** — a two-second pause.
   - **Wait** — a hard pause (awaits input from you).
   - **Send Text Msg** — For more information, see “Creating and Sending New Text Messages” on page 94.

3. Use the navigation keys to highlight the pause option of your choice.
4. Press the OK key to enter the highlighted pause into your number sequence.
5. When you're finished entering the number and pauses, press the **Save** (right) soft key ( ) to store the number in your **Contacts**.

Saving a Number from a Call

Once you've finished a call, you can save the number of the caller to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

---

1. After you press the END key to end your call, the call time, length of call, phone number, and name of the other party (if available) appear in the display.
2. Press the **Save** (right) soft key ( ). The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.
   - **Find** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.

Tip: You can also store a phone number by entering the number, and pressing the **Save** (right) soft key ( ).

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3. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:

4. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.
5. Enter a name or phrase to associate with the type using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
6. Press the OK key to save the entry.

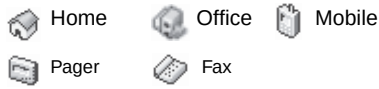
Storing Number from a Calls Log

You can store numbers from the Calls logs to your Contacts.

1. In standby mode, press the **MENU** (OK) key, then press 2abc for **Calls**.
2. Press the corresponding number on the keypad to view the following Calls logs:
   - Press 1 for **Outgoing**
   - Press 2abc for **Incoming**
   - Press 3def for **Missed**

   A list of your calls appears in the display.
3. Use the navigation keys to highlight the number you wish to store in **Contacts**, then press the OK key.

4. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Talk** — Calls the selected number.
   - **Save** — Saves the selected number to your Contacts list.
   - **Prepend** — Lets you add or change digits to the beginning of the selected number (such as adding a "1" to a long distance number).
   - **Erase** — Deletes the selected number from the selected Calls log.
5. Use the navigation keys to highlight **Save**, then press the OK key. The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.
   - **Find** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.
6. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:



7. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.
8. Enter a name or phrase to associate with the type using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
9. Press the OK key to save the entry.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Contacts** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Contacts** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press the Voice Recognition key ( ) to launch **VoiceSignal**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Contacts**".

   VoiceSignal prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your contact list.

   - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See "Choice Lists Settings" on page 139, for more information.)

   - To say the name again, press the **Repeat** (right) soft ( ) key.

- To exit VoiceSignal without dialing, press the **Settings** (left) soft ( ) key and press the **Cancel** (right) soft ( ).

5. The contact information for the name you selected appears in the display.

Keypad Methods

If you've stored a named contact in your Contacts list, Find lets you locate the entry quickly.

1. In standby mode, do one of the following:
   - Press the **CONTACTS** (right) soft key ( ).
   - Press the **MENU** ( ) key, then press (for **Contacts**) and for **Find**.

   The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to select the method you wish to use to find the entry. The available Find methods are:
   - **By Name** — Search the Contacts alphabetically by name.
   - **By Entry** — Search the Contacts by entry number.
   - **By Group** — Search the Contacts by selecting from one of the five available groups.

Find by Name

This option lets you find a Contacts list entry by its contact name.

1. In the **Find** screen, use the navigation keys to show **By Name** in the display.
2. Enter the name of the contact as it appears in your Contacts list.

Example: If you saved a contact name as “Amy Smith”, begin your search for that contact by pressing for “A”.

Note: As you enter letter, the entry number and names of the closest matches (thus far) appear in the display.

3. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then:

   Press the key to dial the number associated with the named contact.

   — Or —

   Press the key to view information about the contact.

   — Or —

   Press the **Option** (left) soft key ( ). The following options appear in the display:

   - **Edit** — Lets you edit details of the highlighted contact.
   - **Send Msg** — Lets you send a text message to the selected contact.
   - **Erase** — Erases the selected contact.
   - **Add New** — Lets you add a new number to your Contacts list or to the selected contact.

4. Use the navigation keys to highlight an option, then press the key to enter that option’s sub-menu.

Find by Entry

This option lets you find a Contacts list entry by its Location number.

1. In the **Find** screen, use the navigation keys to show **By Entry** in the display.
2. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then do one of the following:
   - Press the Send key to dial the number associated with the named contact.
   - Press the OK key to view information about the contact.
   - Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Edit** — Lets you edit details of the highlighted contact.
   - **Send Msg** — Lets you send a text message to the selected contact.
   - **Erase** — Erases the selected contact.
   - **Add New** — Lets you add a new number to your Contacts list or to the selected contact.
3. Use the navigation keys to highlight an option, then press the OK key to enter that option's sub-menu.

Find by Group

This option lets you find a Contacts list entry with a specific Group name.

1. In the **Find** screen, use the navigation keys to show **By Group** in the display.
2. Use the navigation keys to highlight the **Group** field.
3. Use the navigation keys to show the name of the group you wish to search. As each group name appears in the display, entries that are assigned that group name are listed in the display beneath it.

4. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then, do one of the following:
   - Press the SEND key to dial the number associated with the named contact.
   - Press the OK key to view information about the contact.
   - Press the **Option** (left) soft key (). The following options appear in the display:
     - **Edit** — Lets you edit details of the highlighted contact.
     - **Send Msg** — Lets you send a text message to the selected contact.
     - **Erase** — Erases the selected contact.
     - **Add New** — Lets you add a new number to your Contacts list or to the selected contact.
5. Use the navigation keys to highlight an option, then press the OK key to enter that option's sub-menu.

Editing an Existing Contact Entry

Once stored in the Contacts, an entry can be changed quite easily.

1. In standby mode, press the **CONTACTS** (right) soft key (). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the Contacts list entry, or use the navigation keys to highlight the entry containing the number that you wish to edit.

4. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Edit** — Lets you edit details of the highlighted contact.
   - **Send Msg** — Lets you send a text message to the selected contact.
   - **Erase** — Erases the selected contact.
   - **Add New** — Lets you add a new number to your Contacts list or to the selected contact.

   The **Edit** option is highlighted.
5. Press the OK key. The Contacts information screen appears in the display with the contact name highlighted.
6. Use the navigation keys to highlight a number stored in this contact entry.
7. Press CLR to backspace and delete numbers.
8. Press and hold CLR to clear all numbers in the highlighted field.
9. When you're finished editing the number, press the OK key. Your changes are saved and a confirmation message appears in the display.

Assigning Speed Dial Numbers

When you add an entry to the Contacts list, you have the option of letting the phone assign a Location (Speed Dial) number or of selecting or entering a Location number. You can also change a contact's Location number.

1. In standby mode, press the **CONTACTS** (right) soft key ( ). The **Find** screen appears in the display with **By Name** showing.

2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the Contacts list entry, or use the navigation keys to highlight the entry containing the Location number that you wish to change.
4. Once the entry is highlighted, press the OK key.
5. Use the navigation keys to highlight **Location**.
6. Press the **Edit** (left) soft key ( ).
7. Enter, or use the navigation keys to select, the new SpeedDial Location number.
8. Press the OK key to save your changes.

Selecting the Number to be Speed Dialed

If a contact has more than one stored number (such as Home and Office), you can select which of these numbers your phone will dial when you speed dial that contact.

1. In standby mode, press the **CONTACTS** (right) soft key ( ). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the Contacts list entry, or use the navigation keys to highlight the entry containing the Location number that you wish to change.
4. Once the entry is highlighted, press the OK key.
5. Use the navigation keys to highlight **SpeedDial**.
6. Press the **Edit** (left) soft key ( ).

7. Use the **Left** and **Right** navigation keys to select the Number Type icon for the number you want the phone to dial when you speed dial this contact.
8. Press the OK key to save your changes.

Add a Number or E-mail Address to an Existing Entry

1. In standby mode, press the **MENU** (OK) key, then press 2 (for **Contacts**) and 1 for **Add**. The following options appear in the display:
   - **Number** — Lets you enter a number to be dialed when calling the new contact.
   - **E-mail** — Lets you enter an e-mail address for the new contact.
2. Use the navigation keys to highlight the desired option and press the OK key.
3. Enter the phone number or e-mail address for the new Contacts entry, then press the OK key. The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.
   - **Find** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.
4. Use the navigation keys to highlight **Find**, then press the OK key.
5. Use the navigation keys to show the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
6. Enter information to find the entry and/or use the navigation keys to highlight the desired entry and press the OK key. The Select Type screen appears in the display.

The following number types appear in the display:

— Or —

The following address types appear in the display:

7. Use the navigation keys to highlight the number type or address type that matches the number or e-mail address you are adding, then press the OK key.
8. Press the OK key again at the **Contacts** menu. The number is added to the existing entry.

Edit an Existing E-mail Address

1. In standby mode, press the **Up** navigation key (**Contacts Find** shortcut). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to select the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to fine the entry, or use the navigation keys to highlight the entry that you wish to edit.
4. Once the entry is highlighted, press the **Option** (left) soft key ( ). A pop-up menu appears in the display with **Edit** highlighted.
5. Press the OK key.

6. Use the navigation keys to highlight the **E-mail** field (labeled with the @ symbol).
7. Use the keypad to edit the **E-mail** address. (See "Section 5: Entering Text" on page 65 for more information.)

   To insert the @ symbol, press the **Option** (left) soft key ( ). A pop-up menu appears in the display with **Alpha** highlighted.
8. Use the navigation keys to select **Symbol**, then press the OK key.
9. Press (**@ symbol**), and enter the remainder of the e-mail address using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
10. Press the **Option** (left) soft key ( ).
11. Use the navigation keys to highlight **.com**, then use the navigation keys to show the desired domain type (**.com**, **.edu**, **.net**), then press the OK key.
12. Press the OK key to save your changes.

Renaming a Contacts Group

Use this option to rename a group in your Contacts list.

1. In standby mode, press the **MENU** (OK) key, then press (for **Contacts**) and for **Rename Group**. The following default group names (or any changed group names) appear in the display:
   - **Friend**
   - **Family**
   - **Colleague**
   - **VIP**
   - **No Name**

2. Use the navigation keys to highlight the group that you wish to rename, then press the OK key. The current name of the group appears in the display with a flashing cursor at the end of the name.
3. Enter a new group name using the keypad, then press the OK key. (See "Section 5: Entering Text" on page 65 for more information.)

Deleting a Contacts Entry

1. In standby mode, press the **CONTACTS** (right) soft key ( ) (**Contacts Find** shortcut). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation keys to highlight the entry that you wish to erase.
4. Press the **Option** (left) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Edit** — Lets you edit details of the highlighted contact.
   - **Send Msg** — Lets you send a text message to the selected contact.
   - **Erase** — Erases the selected contact.
   - **Add New** — Lets you add a new number to your Contacts list or to the selected contact.
5. Use the navigation keys to highlight **Erase**.
6. Press the OK key. The phone prompts you to confirm the erasure.
7. Use the navigation keys to highlight **Yes** or **No**, then press the OK key.

My Phone#

Use the My Phone# option to view the phone number assigned to your phone.

- In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Contacts**) and 7 pqrs for **My Phone#**. The My Phone# pop-up appears in the display.

Memory

Use the Memory sub-menu to view the amount of Contacts entries you have stored, as well as the remaining memory.

- In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Contacts**) and 8 tuv for **Memory**. The amounts of memory used and remaining for Contacts entries appear in the display.

Section 6

Section 7: Messaging

Topics Covered

- Creating and Sending New Text Messages
- Message Send Options
- Retrieving New Messages
- Voicemail
- Message Folders
- Message Settings
- Erasing Messages

This section explains how to create, send, receive, and view different types of messages. This section also includes the features and functionality associated with messaging.

Creating and Sending New Text Messages

This section guides you through the procedure for creating and sending text messages.

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Messages**) and 1 for **New Text Msg**. The **Send To** list appears in the display.
2. Enter the phone number of the recipient, then press the OK key.
3. Enter the text for your message using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
4. At any point while composing a message, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **T9 Word** — Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.
   - **Alpha** — Multiple key press, alphabetical text entry mode.
   - **Symbol** — Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the pop-up.
   - **Number** — Number entry. Enter numbers by pressing the corresponding key on the keypad.
   - **Canned** — Insert a pre-composed message into the body of your current message.
5. Once you're finished entering your message, press the OK key. The following **New Message** options appear in the display:
   - **Edit Send To** — Edit the recipient's Send To number.
   - **Edit Text** — Edit the content of your message.

- **Send Options** — Choose the Priority, Validity, whether you wish to have a Delivery Report, Insert a Signature or Call Back #, and whether you wish to Defer Delivery of the message.
- **Save in Draft** — Save the message to your Draft folder.
- **Save Text** — Save the text in your message as a Canned message. Canned messages are pre-composed messages that can be inserted into any message you choose.

6. To send your message, press the **SEND** (left) soft key ( ).

Message Send Options

You can set priority, validity, and other options before you send a message.

1. After you've composed a message and pressed the OK key, you're returned to the **New Message** menu.
2. Use the navigation keys to highlight **Send Options**, then press the OK key. The following Send Options appear in the display:
   - **Priority** — Assign a priority to your message.
   - **Validity** — Select the period of time that you wish the message to be available to the recipient. After the set period of time, your message is recalled.
   - **Insert Sign.** — Insert your pre-composed signature text into the message.
   - **Delivery Ack** — Lets you activate or deactivate the report function. When this function is activated, the network informs you whether or not this message has been delivered.
   - **Call Back #** — Insert a number into your message for the recipient to call you back.
   - **Def. Delivery** — Choose when you wish your message to be sent.

3. Use the navigation keys to display the various **Send Options** for each menu item.
4. When the desired send option is highlighted, press the OK key to confirm the selection or to enter the send option's sub-menu.

Retrieving New Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon ( ). The date and time of the message also appear in the display.

- Press the **Ignore** (left) soft key ( ) to return your phone to standby mode. The message is saved to your Inbox where you can view it later.
- Press the **View** (right) soft key ( ) to open the message, where you have the option to Reply, Forward, Erase, Save Text, Save Msg, Save Contact, or Block sender.

Retrieve Messages While in a Call

When you receive a message while in a call, New Message appears in the display along with the closed envelope icon ( ). To view the message without disconnecting the call:

- Press the **Ignore** (left) soft key ( ) to ignore the message and save it to your inbox where you can view it later.
- Press the **View** (right) soft key ( ) to open the message, your call remains connected.

Voicemail

Voicemail allows callers to leave voice messages in your voice mailbox, and lets you review, play, and delete your voice messages any time you are in a network coverage area.

Voicemail Setup

Before callers can leave voice mail messages, you must first set up your account. See “Setting Up Your Voice Mail” on page 15 for more information.

Check your Voicemail

1. In standby mode, press and hold the key until you’re connected to the Voicemail system. A recorded message prompts you for a password.
2. Enter your password, the press the OK key. Follow the recorded prompts, to listen to your voice message, change administrative options, and so on.

Message Folders

Inbox

Received messages of all types (except Voice Mail) are stored in the Inbox.

1. In standby mode, press the **MENU** (OK) key, then press 5 jkl (for **Messages**) and 2 abc for **Inbox** to open the **Inbox** folder.

Tip: While in a call, press the **MSG** (right) soft key ( ) to open the **Messages** menu.

2. Use the navigation keys to highlight an incoming message that you wish to view.
3. Press the OK key to view the highlighted message.
4. While viewing your message, press the **Options** (left) soft key ( ), The following options appear in the display:
   - **Reply** — Lets you reply to a message.
   - **Lock/Unlock** — Block or permit erasure of the message.
   - **Forward** — Lets you forward the message to other Email addresses or phone numbers.
   - **Erase** — Erases the selected message.
   - **Save Contact** — Save the sender's number to your Contacts.
5. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Outbox

Your phone stores outgoing messages in the Outbox, regardless of whether the message was successfully transmitted to, or received by, the addressee.

Tip: Verify whether and when a message or e-mail was successfully received by enabling the **Delivery Report** feature.

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1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Messages**) and 2abc for **Outbox**. A list of your outgoing messages appears in the display.
2. Use the navigation keys to highlight a message that you wish to review, the press the OK key.
3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resend** — Re-send the message.

- **Lock/Unlock** — Block or permit erasure of the message.
- **Erase** — Erase the message.
- **Message Info** — Lets you display status information about a selected message.

4. Use the navigation keys to highlight the desired option.
5. Press the OK key to perform the function for the highlighted option.

Drafts

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Messages**) and 2abc for **Drafts**. A list of your draft messages appears in the display.
2. Use the navigation keys to highlight the message that you wish to view, the press the OK key.
3. Press the left soft key (⋮) **Options**, to display the options listed.
   - **Erase** — Erase the message.
   - **Lock/Unlock** — Block or permit erasure of the message.
4. Use the navigation keys to highlight the desired option.
5. Press the OK key to perform the function for the highlighted option.

Voicemail

New voice messages in your voice mailbox are logged in the Voicemail folder of the Messages menu. Open the Voice Mail folder to view the Callback # (if

available), Urgency, and other details of new voice mail messages.

1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Messages**) and 9wxyz for **Voicemail**. A Voicemail status screen indicating the number of new messages in your voice mailbox, their urgency, and any callback numbers appears in the display.
2. Press the SEND key to call your voice mailbox and listen to the message.

Note: You can also press and hold the 1 key to dial your voice mailbox.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (See “Lock Phone” on page 157 for more information.)

Message Settings

The Msg Settings folder lets you define numerous message settings such as ringer types and save options.

1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Messages**) and 8tuv for **Msg Setting**. The following **Msg Setting** options appear in the display:
   - **Send Setting** — Lets you set default values for options to Save In Outbox, Insert Sign., Delivery Report, and a Callback #.
   - **Entry Mode** — Lets you set the default text entry mode (T9 Word or ABC) for composing messages.

- **Canned Msg.** — Insert a pre-composed message into the message.
- **Msg Alert** — Set Volume level, Ringer type, Reminder and Alert On Call.
- **Auto Delete** — Automatically erase first message received after memory is full.
- **Voicemail #** — Lets you enter the access phone number to your Voicemail account.

2. Use the navigation keys to highlight the desired sub-menu. Press the OK key to enter the sub-menu and adjust the selected message settings.

Message Alert

The Message Alert menu lets you set Volume level, Ringer type, and Reminder for message alerts.

1. In standby mode, press the **MENU** (OK) key, then press 3 (for **Messages**), 2 (for **Msg Setting**), and 9 **Msg Alert**. The following options appear in the display:
   - **Volume/Vibrate** — Lets you set the default volume for message alerts.
   - **Type** — Lets you assign ringer types and melody tones for message alerts.
   - **Reminder** — Lets you set how often a message alert will sound upon receipt of a new message.
   - **Alert On Call** — Lets you set whether message alerts sound during calls.
2. Use the navigation keys to highlight the desired sub-menu, then press the OK key to enter the sub-menu and adjust settings.

Erasing Messages

You can erase all of the messages in each / all of your message folders from one convenient location.

Note: This function erases all messages in a selected message folder or in all message folders. To delete a single message, from the **Messages** menu, open the message folder where the message to be deleted is stored, then select and delete the message from the **Option** menu while viewing the message content.

1. In standby mode, press the **MENU** (OK) key, then press 2abc (for **Messages**) and 7pqrs for **Erase Msg**. The following options appear in the display:
   - **Voice** — Lets you delete all messages from your voice mailbox.
   - **Inbox** — Lets you delete all messages from your Inbox.
   - **Outbox** — Lets you delete all messages from your Outbox.
   - **Drafts** — Lets you delete all draft messages from the Drafts folder.
   - **All Messages** — Lets you delete all messages from all message folders.
2. Use the navigation keys to highlight the folder containing the messages that you wish to delete.
3. Press the OK key to open the highlighted folder. You are prompted to confirm the erasure of all messages in the folder.
4. Use the navigation keys to highlight **Yes** or **No**, then press the OK key.

Section 8: easyedge℠

Topics Covered

- easyedge℠ Features
- Accessing easyedge℠

easyedge℠ keeps you connected to email, info, and entertainment. You can download full featured applications over the air including games, personalized ringtones, sports, weather, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

This section outlines how to obtain games and other applications for your phone. For more information, visit **www.uscellular.com/easyedge** or call U.S. Cellular customer service by dialing 611 on your phone and ask about easyedge.

easyedge[SM] Features

1. In standby mode, press the **MENU** (OK) key, then press 4 GHI for **easy**edge[SM]. The following **easy**edge[SM] option appears in the display:
   - **easy**edge[SM]
2. Press the OK key.

Accessing **easy**edge[SM]

Applications Shopping and Downloading

Download games, ringtones, e-mail, and more using **easy**edge[SM]. For information on access charges, visit **www.uscellular.com/easyedge** or call U.S. Cellular customer service by dialing 611 on your phone and ask about easyedge.

1. In standby mode, press the **Right** navigation key to launch **easy**edge[SM]. The following **easy**edge[SM] options appear in the display:

easyedge[SM] **Settings** **Help**

2. Use the navigation keys to highlight the **easy**edge[SM] shop icon ( ), then press the OK key.

Note: The first time you access **easy**edge[SM] Shop, an "access charge" message appears in the display along with instructions on how to remove this message.

Your phone takes a moment to connect, then the **easy**edge[SM] shop menu appears in the display.

3. Follow the instructions in your phone's display.

Note: Please check with www.uscellular.com/easyedge for availability of applications.

Changing Your easyedge[SM] Settings

Use the **Settings** menu in **easy**edge[SM] to manage, move, order applications, and much more.

1. In standby mode, press the **Right** navigation key to launch **easy**edge[SM].
2. At the **easy**edge[SM] menu, use the navigation keys to highlight the **Settings** icon ( ), then press the OK key. The following options appear in the display:
   - **Order Apps** — Download applications over the network.
   - **Move Apps** — Move previously downloaded applications between available folders.
   - **Manage Apps** — View used and available memory.
   - **Main Menu View** — Select whether you wish to view the main **easy**edge[SM] menu in a list or icon format.
   - **Screen Savers** — View downloaded screensavers.
   - **Airtime Warnings** — Enable/disable all airtime warning messages.
   - **View Log** — View the **easy**edge[SM] log, which displays information about recent activity using **easy**edge[SM].
3. Use the navigation keys to highlight the desired option.
4. Press the OK key to enter the option's sub menu and view or change settings.

Using On-line Help

The Help sub menu within **easy**edge℠ is a short tutorial on several **easy**edge℠ features. View information about charges, cancelling subscriptions, buying applications, disabling applications, and more.

1. In standby mode, press the **Right** navigation key to launch **easy**edge℠.
2. Use the navigation keys to highlight the **Help** (?) icon.
3. Press the OK key. The Help subjects described in the following subsections appear in the display.
4. Use the navigation keys to highlight the desired Help subject.
5. Press the OK key to view the selected Help information.

Buying New Applications

To buy new and exciting applications, visit the **easy**edge℠ Shop. It provides you with a variety of applications you can choose from.

What do I pay?

When you buy an application, you will be charged for the purchase cost of the application and the data usage to download it. Charges will also apply when you use applications that require data usage, such as downloading information and sending text messages.

Cancelling Subscription

To cancel a subscription to an application, do the following:

1. In standby mode, press the **Right** navigation key to launch **easy**edge[SM].
2. Use the navigation keys to highlight the Settings icon ( ), then press the OK key.
3. Use the navigation keys to highlight **Manage Apps**.
4. Press the OK key.
5. Use the navigation keys to highlight the Subscription you want to cancel.
6. Press the OK key.
7. Use the navigation keys to highlight **Cancel Subscription**.
8. Press the OK key.

Removing Applications

You may remove applications that are no longer needed. When you remove an application, you cannot use the application unless you purchase it again. To remove an application, do the following:

1. In standby mode, press the **Right** navigation key to launch **easy**edge[SM].
2. Use the navigation keys to highlight the Settings icon ( ), then press the OK key.
3. Use the navigation keys to highlight **Manage Apps**.
4. Press the OK key.
5. Use the navigation keys to highlight the application you want to remove.

6. Press the OK key.
7. Use the navigation keys to highlight **Remove**.
8. Press the OK key.

Disabled Applications

You can install new applications even if the memory of your phone is full by partially removing (disabling) applications you haven't used recently. When you need to use a disabled application, you can restore it at no additional purchase cost.

Restoring Applications

Disabled applications can be quickly restored at no additional purchase cost. To restore an application, run the application you want to restore from the Main Menu. You will be guided through the restoration process.

Expired Applications

Applications that were purchased based on the number of uses or for a specified period of time expire. You can purchase additional uses from the **easy**edge^{SM} Shop.

Section 9: Display

Topics Covered

- Display Settings
- Menu Style
- Animation
- Banner
- Backlight
- Auto Hyphen
- Dial Digits
- Dial Screen
- Contrast

This section shows you how to change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

Display Settings

You can set the menu style, standby mode animation, customize backlight settings, and more in the Display sub menu.

1. In standby mode, press the **MENU** (OK) key, then press 7 for **Display**. The following menus appear in the display:
   - **Menu Style** — Choose how main menus appear in the display when the **MENU** (OK) key is pressed.
   - **Animation** — Choose the images that display on your phone when you turn it on, turn if off, and while in standby mode.
   - **Theme** — Lets you set base and highlighting colors by choosing one of three patterns.
   - **Banner** — Create your own personalized greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Set backlight options for the display and keypad.
   - **Auto Hyphen** — With Auto Hyphen enabled, your phone automatically hyphenates numbers as they are entered.
   - **Dial Digits** — Lets you select the color of your dialing font.
   - **Dial Screen** — Lets you select the background color for the dialing screen. You can choose from a variety of colors.
   - **Contrast** — Lets you set display contrast.
2. Use the navigation keys to highlight a sub menu.
3. Press the OK key to enter the highlighted sub menu. The following sections describe the Display sub menus in greater detail.

Menu Style

1. In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Display**) and 5 jkl for **Menu Style**. The following options appear in the display:
   - **Icon** — Shows all main menus as an array of icons.
   - **List** — Shows main menus in scrollable list (text) format.
2. Use the navigation keys to highlight **Icon** or **List**, then press the OK key.

Animation

Animation lets you choose the animated pictures that appear in your phone's display when you turn it on, turn it off, and while in standby mode.

1. In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Display**) and 2 abc for **Animation**. The following options appear in the display:
   - **Opening** — Lets you select an animated image file that appears in the display during the phone's power on sequence.
   - **Closing** — Lets you select an animated image file that appears in the display during the phone's power off sequence.
   - **Wallpaper** — Lets you select an animated image file that appears in the display when your phone is in standby mode.
2. Use the navigation keys to highlight the desired animation, then press the OK key. The following options appear in the display:
   - **My Image** — Lets you select an image that you've downloaded from the Internet as an Opening, Closing, or Wallpaper image.
   - **Preloaded** — Lets you select an image that came preloaded with your phone as an Opening, Closing, or Wallpaper image.

3. Use the navigation keys to highlight the image type that you wish to use and press the OK key. A list of images appears in the display.
4. Use the navigation keys to highlight the image that you wish to use and press the OK key to save your selection.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Display**) and 4 for **Banner**.

Tip: Press and hold CLR to erase an existing banner, if necessary.

2. Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 13 characters). See "Section 5: Entering Text" on page 65 for more information.
3. Press the OK key to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the flip is open.

Note: Prolonged backlight use drains your battery faster.

1. In standby mode, press the **MENU** (OK) key, then press (for **Display**) and for **Backlight**. The following sub menus appear in the display:
   - **Main LCD** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **5 seconds**, **10 seconds**, **15 seconds**, and **Flip Open**.
   - **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **5 seconds**, **10 seconds**, **15 seconds**, and **Flip Open**.
   - **Power save** — Unless the backlight settings have been changed, the backlight dims after five seconds of inactivity, and then turns off. With Power save enabled (**On**), the backlight for the internal display is always dim. After 5 seconds of inactivity, Power save turns the backlight off.
   - **Brightness** — Sets overall backlight brightness to any of 5 levels.
2. Use the navigation keys to highlight the desired sub menu and press the OK key.
3. Use the navigation keys to change settings as desired the selected sub menu, and press the OK key to save your selection.

Auto Hyphen

Auto Hyphen automatically hyphenates phone numbers as they are entered. For example: 580437000 automatically becomes 580-437-0000.

1. In standby mode, press the **MENU** (OK) key, then press (for **Display**) and for **Auto Hyphen**. The following options appear in the display:
   - **No** — Disables Auto Hyphen.
   - **Yes** — Enables Auto Hyphen.

2. Use the navigation keys to highlight the desired setting and press the OK key to save the setting.

Dial Digits

Lets you select the color of your dialing font.

1. In standby mode, press the **MENU** (OK) key, then press 7 PRS (for **Display**) and 5 JKL for **Dial Digits**. The following options appear in the display:
   - **Hyphenated** — Each set of entered digits (area code, exchange, and directory number) each appear in a different color.

Note: To select the **Hyphenated** option, you must first set the **Auto Hyphen** to **On**.

   - **Rainbow** — Entered digits each appear in a different color in the dialing screen.
   - **Basic** — Entered digits appear as black in the dialing screen.
2. Use the navigation keys to highlight the desired setting and press the OK key to save the selected setting.

Dial Screen

Lets you select the background color for the dialing screen. You can choose from a variety of colors.

1. In standby mode, press the **MENU** (OK) key, then press 7 PRS (for **Display**) and 6 MNO for **Dial Screen**. The following options appear in the display:
   - **Color Setting** — Shows a preview of the Dialing Screen and a color selection bar.

- **Off** — Sets the dialing screen background color to the default value (white).

2. Use the navigation keys to highlight the desired option, then press the OK key.
3. If you select **Color Setting**, use the navigation keys to highlight the desired background color (which appears in the preview screen), then press the OK key to save the selected color setting.

Contrast

Set the display contrast to your preference.

1. In standby mode, press the **MENU** (OK) key, then press 5 JKL (for **Display**) and 2 ABC for **Contrast**. The following options appear in the display:
   - **Main LCD**
   - **Front LCD**
2. Use the navigation keys to highlight the display you want to adjust, then press the OK key. An interactive contrast adjustment screen appears in the display showing the current contrast setting.
3. Use the **Left** and **Right** navigation keys to adjust the contrast for the selected display. The results of your adjustments appear in the display.
4. Press the OK key to save your new contrast setting.

Section 9

Section 10: Sounds

Topics Covered

- Volume/Vibrate
- Ringer Type
- Key Beep
- Alerts
- Power On/Off
- Roam Ringer
- Whisper Mode

This section shows you how to customize your phone's audio properties, such as ringers, keypad tones, alerts, shut down sounds, and more.

Volume/Vibrate

Use the Volume/Vibrate sub menu to set the default volume for incoming calls and alarms.

1. In standby mode, press the **MENU** (OK) key, then press (for **Sounds**) and for **Volume/Vibrate**. The following options appear in the display:
   - **Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.
   - **Alarm** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.
2. Use the navigation keys to highlight the desired option, then press the OK key.
3. Use the navigation keys or the up and down volume keys on the left side of your phone to select the volume level (**Silent**, **1 Beep**, or **Levels 1 – 5**) or vibrate mode (**Vibrate**, **Vib+Ring**) for the selected option.
4. Press the OK key to save the option setting.

Ringer Type

You can assign ringtones for calls, alarms, and other alerts in the Ringer Type sub menu.

1. In standby mode, press the **MENU** (OK) key, then press (for **Sounds**) and for **Ringer Type**. The following ringer types appear in the display:
   - **Calls**
   - **Alarm**
   - **Data**
   - **Calendar**

2. Use the navigation keys to highlight a ringer type, then press the OK key. A pop-up menu with the following options appears in the lower left of the display:

Note: Animelody Gallery doesn't contain ringers or tones, unless you've previously downloaded them using **easy**edge℠.

- **Melody Gallery**
- **Animelody Gallery**

3. Use the navigation keys to highlight **Melody Gallery**, then press the OK key.
4. Use the volume keys to scroll through the ringer types and melodies for the selected ringer type. Each tone plays as you scroll through the list.
5. When the desired ringer type plays, press the OK key to save.

Key Beep

Key Beep allows you to adjust the volume level and length of tone that the keypad generates each time you press a key.

1. In standby mode, press the **MENU** (OK) key, then press 6 mno (for **Sounds**) and 4 ghi for **Key Beep**. The following options appear in the display:
   - **Volume**
   - **Tone Length**

   Volume is highlighted.

2. Press the OK key to adjust the Key Beep volume.
   - Use the volume keys or navigation keys to set the volume level for keypad tones.
   - Press the OK key when the desired key beep volume setting is reached. You are returned to the **Key Beep** sub menu.
3. Use the navigation keys to highlight **Tone Length**, then press the OK key.
   - Use the navigation keys to highlight **Long** or **Normal**.
   - Press the OK key to save your setting. You are returned to the **Key Beep** sub menu.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press the **MENU** (OK) key, then press 2 (for **Sounds**) and 4 for **Alerts**. The following options appear in the display:
   - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
   - **Service** — Sound an alert when you go into and out of coverage areas.
   - **Connect** — Sound an alert when you connect a call.
   - **Disconnect** — Sound an alert when you disconnect a call.
   - **Fade** — Sound an alert when a dropped call occurs during a conversation.
   - **Roam** — Sound an alert when you leave your home service area while on a call.
   - **Privacy** — Emit a tone whenever you are in enhanced privacy mode.

2. Use the navigation keys to highlight a sub menu, then press the OK key.
3. Use the **Up/Down** navigation keys to activate (or not activate) the selected alert.
4. Press the OK key to confirm your selection.

Power On/Off

Set your phone to play a sound whenever you turn the phone on and off.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Sounds**) and 5 for **Power On/Off**.
2. Use the navigation keys to highlight **Off** or **On**, then press the OK key.

Roam Ringer

Set your phone to sound a unique tone when a call is received outside a network service area. This feature is set to **Off** by default.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Sounds**) and 6 for **Roam Ringer**.
2. Use the navigation keys to highlight **Off** or **On**, then press the OK key.

Whisper Mode

This feature allows you to talk in a low volume during a phone conversation and still be heard by the party.

1. In standby mode, press the **MENU** (OK) key, then press (for **Sounds**) and for **Whisper Mode**.
2. Use the navigation keys to highlight **Off** or **On**, then press the OK key.

Section 11: Gallery

Topics Covered

- Gallery
- Using Image Gallery
- Using Melody Gallery
- Using Animelody Gallery

This section outlines Gallery and key features associated with Gallery.

Gallery

1. In standby mode, press the **MENU** (OK) key, then press 7 for **Gallery**. The following **Gallery** sub-menus appear in the display:
   - **Image Gallery** — Lets you choose the multi-media or pictures that appear in your phone's display.
   - **Melody Gallery** — Lets you assign melody tones for calls, alarms, and other alerts.
   - **Animelody Gallery** — Lets you assign animated melody tones for calls, alarms and calendar.
2. Use the navigation keys to highlight a sub-menu.
3. Press OK to enter the highlighted sub-menu. The following sections describe the above listed display sub-menus in greater detail.

Using Image Gallery

Image Gallery allow you to choose the multi-media or pictures that appear in your phone's display when you turn it on, turn it off, while in standby mode (wallpaper) and images to contacts.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Gallery**) and 1 for **Image Gallery**.
2. Use the navigation keys to select **Preloaded** or **Downloaded** (if you have downloaded images), then press the OK key.
3. Use the navigation keys to browse available images and animations.

4. Press the **Option** (left) soft key ( ). A popup menu containing the following options appears in the display:
   - **Assign**
   - **Image Info**
5. Use the navigation keys to highlight **Assign** and press the OK key.

   The following options appear in the display:
   - **Wallpaper** — Choose the graphic or animation that appears in your display when the phone is in standby mode.
   - **Opening** — Choose the animation that appears in your display when you turn on your phone.
   - **Closing** — Choose the animation that appears in you display when you turn off your phone.
   - **Contacts** — Choose the graphic or animation that appears in the display when selected contacts calls.
6. Use the navigation keys to highlight option and press the OK key.
7. Press the **Back** (right) soft key ( ), to return to previous menu or press END to return to standby mode.

Image Gallery Options

- **Assign** — use to assign selected images, melodies, and animelodies.
- **Image Info** — displays information about the image, such as the title (name), and the data size.

Using Melody Gallery

Melody Gallery lets you assign ringer types and melody tones for calls, alarms, and other alerts.

1. In standby mode, press the **MENU** (OK) key, then press (for **Gallery**) and for **Melody Gallery**.
2. Use the navigation keys to select **Preloaded**, **Downloaded** (if you have downloaded melodies), or **Shuffle** (melody files that play in random order); then press the OK key.
3. A list of bells and melodies appears in the display.
4. Press the **Option** (left) soft key (). A popup menu containing the following option appears in the display:
   - **Assign**

   When using a downloaded melody the following options appear in the display:
   - **Assign**
   - **Rename**
   - **Lock**
   - **Erase**
5. Use the navigation keys to highlight **Assign** and press the OK key.

   The following options appear in the display.
   - **Calls** — Lets you assign a melody tone for incoming calls.
   - **Alarm** — Lets you assign a melody tone for alarms.
   - **Data** — Lets you assign a melody tone for incoming data calls.
   - **Calendar** — Lets you assign a melody tone as a calendar reminder.

If **Alarm** is selected additional options appear in the display. Proceed to Step 6.

- **Alarm 1**
- **Alarm 2**
- **Alarm 3**

6. Use the navigation keys to highlight an option and press the OK key.
7. Press the **Back** (right) soft key ( ) to return to previous menu or press the END key to return to standby mode.

Melody Gallery Options

- **Assign** — use to assign selected image, melody, and animelody.

Downloaded Melody Gallery Options

- **Assign** — use to assign selected image, melody, and animelody.
- **Rename** — Lets you rename the image
- **Lock** — Lets you protect files from being deleted.
- **Erase** — erases a selected file.
- **Erase All** — erases all files.
- **Melody Info** — displays information about the melody, such as the file name, creation time and date, and the data size.

Using Animelody Gallery

1. In standby mode, press the **MENU** (OK) key, then press 2 (for **Gallery**) and 5 for **Animelody Gallery**.
2. Use the navigation left/right keys to browse available animations.

3. Press the **Option** (left) soft key ( ). A popup menu containing the following options appears in the display:
   - **Assign**
   - **Rename**
   - **Lock**
   - **Erase**

   Use the navigation keys to highlight **Assign** and press the OK key.
4. The following options appear in the display:
   - **Calls** — Lets you assign melody tones for incoming calls.
   - **Alarm** — Lets you assign a melody tones for alarms.

   If **Alarm** is selected additional options appear in the display. Proceed to Step 5.
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
5. Use the navigation keys to highlight option and press the OK key.
6. Press the **Back** (right) soft key ( ) to return to previous menu or press the END key to return to standby mode.

Animelody Gallery Options

- **Assign** — use to assign selected image, melody, and animelody.
- **Rename** — Lets you rename the image
- **Lock** — Lets you protect files from being deleted.
- **Erase** — Lets you erase selected file

Section 12: Tools

Topics Covered

- Tools Menu
- Voice Kit
- Today
- Calendar
- To Do List
- Alarm Clock
- Memo Pad
- World Time
- Calculator
- Count Down

This section explains how to use your phone's voice recognition and digital assistant functionalities to schedule events, set reminders, create a "to do" list, perform calculations, and more.

Tools Menu

Tools is a suite of Personal Digital Assistant (PDA) applications such as a Calendar, To Do List, and Memo Pad that run on your phone. You can use your phone to schedule events, set reminders, create a to do list, perform calculations, and more with the functions provided by this useful feature.

Opening Tools Menu

1. In standby mode, press the **MENU** (OK) key, then press 9 for **Tools**. The following sub-menus appear in the display:
   - **Voice Kit** — Lets you launch and tailor your phone's voice recognition capabilities.
   - **Today** — Lets you review and schedule events that will occur today.
   - **Calendar** — Lets you view the current, past, or future month in a monthly calendar layout.
   - **Jump To Date** — Lets you avoid lengthy browsing and go directly to any date on the calendar.
   - **To Do List** — Lets you create and maintain a task list.
   - **Memo Pad** — Lets you store and review useful information.
   - **Count Down** — Lets you view the amount of time between the current date and any event that you want to schedule.
   - **Alarm Clock** — Lets you set an alarm to go off once, or daily, at a specified time.
   - **World Time** — Lets you view the current time of day or night in another part of the world.
   - **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.

2. Use the navigation keys to highlight an application, then press the OK key.

   The following sections provide detailed descriptions of the applications and how to use their functions.

Voice Kit

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice.

To access your phone's voice settings, do the following:

1. In standby mode, press the **MENU** (OK) key, then press 9wxyz (for **Tools**) and 7pqrs for **Voice Kit**. The following options appear in the display:
   - **Voice Command** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see "Making a Call — Voice Dialing" on page 38 and "Voice Method" on page 80 for more information.
   - **Voice Memo** — Lets you record, review, and erase voice memos.
   - **Voice Setting** — Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences. Also see "Adapt Digits" on page 137 for more information.
2. Use the navigation keys to highlight the desired sub-menu, then press OK.

Voice Commands

To start VoiceSignal, do one of the following:

- In standby mode, press the Voice Recognition key ( ).

  "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.

- In standby mode, press the **MENU** ( ) key, then press (for **Tools**), (for **Voice Kit**), and for **Voice Command**.

Note: You can also start VoiceSignal by pressing the **Voice Recognition** ( ) key or you can set your phone to start VoiceSignal when you open the phone. See "Voice Launch" on page 141 for more information.

VoiceSignal includes the following commands:

- **Voice Dial** — Lets you dial a phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (See "Making a Call — Voice Dialing" on page 38 for more information.)
- **Voice Memo** — Lets you access the voice memo feature of your phone. (See "Voice Memo" on page 133 for more information.)
- **Today** — Lets you access the Today feature of your phone. (See "Today" on page 142 for more information.)
- **Calendar** — Lets you access the Calendar feature of your phone. (See "Calendar" on page 144 for more information.)
- **Contacts** — Lets you look up and display contact information for any name stored in your Contacts list by saying the name. (See "Finding a Contacts Entry" on page 80 for more information.)
- **Status** — Lets you say a single command ("**Status**") to check your phone's network coverage, signal strength, and battery.

Note: Speaking clearly, say the command that you want to use. If, after a few seconds, the device has not recognized a command, it prompts you to repeat the command. If, after a few more seconds, it still has not recognized a command, it tells you "**Sorry, no match found**," and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

When you first start VoiceSignal, it reads your Contacts list and voice-activates all the names stored there. When you have add or change contacts, VoiceSignal automatically reloads and voice-activates the entire list.

Ending Calls Before Restarting the VoiceSignal Software

When you use VoiceSignal to make a call, you must end that call before you can use VoiceSignal again.

Voice Memo

You can use your phone to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.

Note: There is limited space for the number and length of recordings.

- The maximum number of voice memos is 10.
- The maximum length for a single voice memo is 60 seconds.

Record a Voice Memo

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**), (for **Voice Kit**), (for **Voice Memo**), and for **Record**. The phone prompts, "**Please record after the beep.**"

Tip: To launch Voice Memo using a voice command — In standby mode, press the key. When the phone prompts, "**Say a command.**" Say "**Voice Memo**" into the microphone.

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2. Wait for the beep, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
   - To pause the memo, press the **Pause** (left) soft key ( ). When a memo is paused, select **Resume** to resume recording.
3. Press the **Stop** (right) soft key ( ) once you're finished recording. The **Memo Review** list appears in the display with the newest memo highlighted.
4. Press the **Play** (right) soft key ( ) to review the newest memo.
5. For other options, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Erase** — Erase a selected voice memo.
   - **Erase All** — Erase all voice memos.
   - **Edit Caption** — Change the name assigned to a selected voice memo.
   - **Info** — Shows the Memo Title, Length and Size, and date and time Recorded for a selected voice memo.
6. Use the navigation keys to highlight an option. Press the OK key to perform the function for that option.

Review and Erase Voice Memos

If you've saved any voice memos, you can review them anytime.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 5 (for **Voice Kit**), 2 (for **Voice Memo**), and 1 for **Review**. A list of saved voice memos appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to review.
3. Press the **Play** (right) soft key ( ) to play the voice memo.
4. Press the **Option** (left) soft key ( ) to **Erase**, **Erase All**, **Edit Caption**, or show **Info** about voice memos.

Erase All Voice Memos at One Time

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 5 (for **Voice Kit**), 2 (for **Voice Memo**), and 3 for **Erase All**. "**Erase all Voice Memos?**" appears in the display.
2. Use the navigation keys to highlight **Yes** (to erase all memos) or **No** (to return to the previous menu).
3. Press the OK key to confirm your selection.

Voice Setting

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice.

To access your phone's voice settings, do the following:

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 5 (for **Voice Kit**), and 4 for **Voice Setting**. The following options appear in the display:
   - **Digit Dialing** — Lets you adapt the voice recognition function to your voice.
   - **Sensitivity** — Lets you adjust the voice recognition function's sensitivity to spoken commands and names.
   - **Choice Lists** — Lets you specify when or whether the voice recognition function presents a list of choices when it does not recognize a name or command.
   - **Sound** — Lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.
   - **Voice Launch** — Lets you set your preference for starting the voice recognition function.
   - **About** — Shows software version information for the voice recognition function.
2. Use the navigation keys to highlight the desired sub-menu, then press OK.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**), (for **Voice Kit**), (for **Voice Setting**), and for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Adapt Digits**, then press the OK key. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.

3. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "Did the recording sound ok?"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

   Repeat this step until you're satisfied with the recording.
4. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.
5. After 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Setup Digit** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **MENU** (OK) key, then press 9 (for **Tools**), 5 (for **Voice Kit**), 4 (for **Voice Setting**), and 3 for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Reset Digits**, then press the OK key. The phone prompts you to confirm digit rest.
3. Press the **OK** (left) soft key ( ) or the OK key to reset your digit adaptation, or press the **Back** (right) soft key ( ) to cancel.

Sensitivity

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**), (for **Voice Kit**), (for **Voice Setting**), and for **Sensitivity**. The following options appear in the display:
   - **Commands** — Lets you control your phone's sensitivity to spoken voice commands.
   - **Names** — Lets you control your phone's sensitivity to spoken names from your Contact list.
2. Use the navigation keys to highlight an option, then press the OK key to select the highlighted option. The selected Sensitivity screen appears in the display.
3. Use the navigation keys to adjust the selected Sensitivity setting to **Reject More** spoken commands or names or to **Reject Less** spoken commands or names.
4. Press the OK key or the **OK** (left) soft key ( ) to accept the new setting.

Choice Lists Settings

VoiceSignal uses a choice list when it is not confident it has correctly recognized a name or number. In this case, it displays a list of up to three possible choices, and prompts you to confirm the correct one.

You can change the way that VoiceSignal uses the choice list with name dialing, digit dialing, and contacts. For each feature, you can choose to always see a choice list (even if there is only one choice), or never see a choice list (even if there are multiple choices). If you leave the setting at "Automatic," VoiceSignal displays a choice list only when it is not confident it has correctly recognized the name or number.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 8 (for **Voice Kit**), 5 (for **Voice Setting**), and 4 for **Choice Lists**.
2. Use the navigation keys to highlight **Name Dialing**, **Digit Dialing**, or **Contacts**, then press the OK key.
3. Use the navigation keys to highlight the Choice List behavior you prefer:
   - **Automatic** — VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On** — VoiceSignal always displays a choice list, even when there is only one choice.
   - **Always Off** — VoiceSignal never displays a choice list.
4. Press the OK key or the **OK** (left) soft key ( ) to accept the new setting.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 8 (for **Voice Kit**), 5 (for **Voice Setting**), and 6 for **Sound**. The following options appear in the display:
   - **Prompts** — Enables or disables audio prompts.
   - **Digits** — Enables or disables audio digit playback.
   - **Names** — Enables or disables audio name playback.
   - **Name Settings** — Lets you adjust the speed and volume of your phone's audio name playback.
2. Use the navigation keys to highlight the desired setting.

3. Press the OK key or the **OK** (left) soft key ( ) to accept the new setting.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 5 (for **Voice Kit**), 4 (for **Voice Setting**), and 7 for **Voice Launch**. The following options appear in the display:
   - **Voice Key** — Press the Voice Recognition key ( ) to activate VoiceSignal for one call.
   - **Voice Key or Flip Open** — Press the Voice Recognition key ( ) to activate VoiceSignal for repeated calls. Open and close flip to make and end calls using Voice Kit. Press END to release VoiceSignal.
   - **Voice Key or EarMic** — Attach a headset to your phone. Press the Voice Recognition key ( ) to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.
2. Use the navigation keys to highlight the option you want, then press the OK key to save and exit.

About VoiceSignal

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Tools**), 5 (for **Voice Kit**), 4 (for **Voice Setting**), and 1 for **About**.

The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Today

Today lets you schedule up to nine events for the current day by indicating each event's start time and advance notification time. You can set alarms for these events so that you can be alerted before each event takes place.

Events, previously created for the present day using your phone's Calendar, automatically appear in your Today events list. (See "Calendar" on page 144 for more information.)

Add a New Event

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**) and for **Today**.

Tip: To launch Today using a voice command — In standby mode, press the key. When the phone prompts, "**Say a command.**" Say "**Today**" into the microphone.

You're prompted to enter a New Event.

2. Enter details of the event using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
3. Press the **Option** (left) soft key ( ). A pop-up menu containing the following text entry mode options appears in the display:

- **T9 Word**
- **Alpha**
- **Symbol**
- **Number**

Note: The current mode of text entry is indicated in the lower right of the display. See “Text Entry Modes” on page 66 for more information on text entry modes.

4. Use the navigation keys to highlight the entry mode that you wish to use and press the OK key, or press the key to exit the pop-up menu.
5. When you’re finished entering details for the event, press the OK key. You’re prompted to enter the time and date for the event.
6. Use the **Left** and **Right** navigation keys to change between **am** or **pm**.
7. Enter the time and date for the event using the keypad.
8. When you’re finished entering the time and date, use the navigation keys to highlight **Alarm Option** field.
9. Use the navigation keys to highlight the amount of time before the event occurs that you wish to be notified by an alert.
10. Press the OK key to store the event in your calendar. An alert will notify you prior to the event, if you set a notification alert.

Calendar

Calendar lets you view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**) and for **Calendar**.

Tip: To launch Calendar using a voice command — In standby mode, press the key. When the phone prompts, "**Say a command.**" Say "**Calendar**" into the microphone.

A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Use the navigation keys to move around within the calendar.
   - Press the OK key to open the highlighted date.
   - Press the volume up key to view previous months.
   - Press the volume down key to view future months.
   - Press the **Option** (left) soft key ( ) while viewing the calendar to display the following options.
     - **View** — View events for any date surrounded by a box.
     - **Add new** — Add a new event for the date.
     - **Jump To date** — Lets you jump to any date you specify.

Jump To Date

You can to go directly to any date that you specify in the Jump to Date entry screen.

1. In standby mode, press the **MENU** (OK) key, then press 5 JKL (for **Tools**) and 4 GHI for **Jump To Date**. The **Jump To Date** screen appears in the display with the current month highlighted.
2. Enter the desired Jump to Date and press OK. The calendar month for the date that you specified appears in the display.
   - The Jump to Date is underlined.
   - The current date is surrounded by a box.

To Do List

The To Do List lets you create a task list. You can store, prioritize and manage up to twenty To Do List tasks.

1. In standby mode, press the **MENU** (OK) key, then press 5 JKL (for **Tools**) and 2 ABC for **To Do List**. The **Add To Do** screen appears in the display.
2. Enter details of the task using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
3. Press the **Option** (left) soft key (). A pop-up menu containing the following text entry mode options appears in the display:
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**
4. Use the navigation keys to highlight the entry mode that you wish to use and press the OK key, or press the key to exit the pop-up menu.

5. When you're finished entering details for the task, press the OK key. You're prompted to enter the priority for the task.
6. Use the navigation keys to select **High** or **Low**.
7. Use the navigation keys to highlight the **Time** field.

   Use the navigation keys to select **PM** or **AM**.
8. Enter a time and date for the task using the keypad.
9. Press the OK key to store the task.

Add, Edit, and Erase To Do List Tasks

1. In standby mode, press the **MENU** (OK) key, then press 9 wxyz (for **Tools**) and 3 def for **To Do List**.
2. Use the **Left** and **Right** navigation keys to browse tasks in your To Do List. Events are presented in order of priority.
3. Press the **Option** (left) soft key ( ) while viewing your **To Do List**. A pop-up menu containing the following options appears in the display:
   - **Add new** — Add new task to the To Do List.
   - **Edit** — Edit the task currently appearing in the display.
   - **Erase** — Erase the task currently appearing in the display.
   - **Erase All** — Erase all tasks from your To Do List.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the function for the highlighted option.

Memo Pad

You can create a notes and store them in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime you wish to review and edit your notes.

1. In standby mode, press the **MENU** (OK) key, then press 8 (for **Tools**) and 2 for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, you're prompted to add a new memo.
3. Enter a memo using the keypad. (See "Section 5: Entering Text" on page 65 for more information.)
4. Press the **Option** (left) soft key ( ). A pop-up menu containing the following text entry mode options appears in the display:
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**
5. Use the navigation keys to highlight the entry mode that you wish to use and press the OK key, or press the CLR key to exit the pop-up menu.
6. When you're finished entering details for the memo, press the OK key. The memo is stored.

Review, Add, Edit, and Erase Memos

1. In standby mode, press the **MENU** (OK) key, then press 8 (for **Tools**) and 2 for **Memo Pad**. Your list of stored memos appears in the display.

2. Use the navigation keys to browse memos. Press the OK key to open a highlighted memo.
3. Press the **Option** (left) soft key ( ) while viewing your memos. A pop-up menu with the options listed in the following table appears in the display:
   - **Add new** — Add a new memo to Memo Pad.
   - **Edit** — Edit the memo currently highlighted or appearing in the display.
   - **Erase** — Erase the memo currently highlighted or appearing in the display.
   - **Erase All** — Erase all memos from Memo Pad.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the function for the highlighted option.

Count Down

Count Down lets you view the amount of time between the current date and any event that you wish to schedule. You can create up to twenty Count Down events.

1. In standby mode press the **MENU** (OK) key, then press (for **Tools**) and for **Count Down**.

Note: If you have multiple Count Down timers, the event that is scheduled closest to the current date appears in the display. Use the navigation keys to browse the other Count Down timers.

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2. Enter details for the **Count Down** event using the keypad. (See “Section 5: Entering Text” on page 65 for more information.)

3. Press the left soft key ( ) **Option** to display a pop-up menu containing the following text entry mode options.
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**
4. Use the navigation key to highlight the entry mode that you wish to use and press the OK key, or press the key to exit the pop-up menu.
5. Once you've finished entering details for the Count Down event, press OK. You're prompted to enter a time and date for the scheduled event.
6. Use the **Left** or **Right** navigation keys for **AM** or **PM**, respectively.

   Enter the time and date using the keypad.
7. Press OK to store the event.

Review, Add, Edit, and Erase Count Down Events

Review scheduled Count Down event to determine how much time remains between the current time/date and any event that you've scheduled. You can also add another event, or edit and erase previously scheduled events.

1. In standby mode press the **MENU** (OK) key, then press 7 (for **Tools**) and 4 for **Count Down**.
2. Any stored Count Down events appear in the display. The event scheduled closest to the current date appears first in the display.

Event details, including the days, hours and minutes left until the occurrence of the scheduled event appear in the display. The day, date, and time of the scheduled event appear in the bottom of the display.

3. Press the **Option** (left) soft key (), while viewing your memos. A pop-up menu displays with the options listed.
   - **Add new** — Add anew event to Count Down.
   - **Edit** — Edit the event currently appearing in the display.
   - **Erase** — Erase the event currently appearing in the display.
   - **Erase All** — Erase all scheduled event from Count Down.
4. Use the navigation keys to highlight an option.
5. Press OK to perform the function for the highlighted option.

Alarm Clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

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1. In standby mode, press the **MENU** (OK) key, then press 9 wxyz (for **Tools**) and 9 wxyz for **Alarm Clock**. The following options appear in the display:
   - **Alarm Clock 1**
   - **Alarm Clock 2**
   - **Alarm Clock 3**

2. Use the navigation keys to highlight an Alarm selection, then press the OK key. A Set Alarm screen appears in the display containing the following options:
   - **Alarm**
   - **Time**
   - **Alarm Interval**

   Use the navigation keys to select options and to select values for the options.

   Use the keypad to enter the time for the alarm.
3. Press the OK key when you're finished entering the time for the alarm. The alarm is set and the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press the OK key to silence the alarm.
  - If the alarm was set as a **Once** alarm, the alarm icon disappears from the top of the display.
  - If the alarm was set as a **Daily** alarm, the alarm icon remains in the top of the display.
  - If the alarm was as a **Mon.-Fri.**, the alarm icon remains in the top of the display.
  - If the alarm was as a **Mon.-Sat**, the alarm icon remains in the top of the display.
  - If the alarm was set as an **Every Sun** alarm, the alarm icon disappears from the top of the display.
  - If the alarm was set as an **Every Sat** alarm, the alarm icon disappears from the top of the display.

- If the alarm was set as an **Every Weekend** alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**) and for **Alarm Clock**. The following options appear in the display:
   - **Alarm Clock 1**
   - **Alarm Clock 2**
   - **Alarm Clock 3**
2. Use the navigation keys to highlight an Alarm selection, then press the OK key. The selected Set Alarm screen appears in the display.
3. Use the navigation keys to select **Off**, then press the OK key. Select alarm is turned off.

World Time

World Time lets you view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press the **MENU** (OK) key, then press (for **Tools**) and for **World Time**. A world map appears in the display.

2. Use the navigation keys to display the city and time that you wish to view. The following cities/time zones are supported:

• Alaska	• San Francisco	• Denver/ Arizona
• Chicago/ Mexico	• New York	• Caracas
• Brasilia	• Mid Atlantic	• Cape Verde
• London	• Paris/Berlin	• Athens/ Helsinki
• Moscow	• Abu Dhabi	• Tashkent
• Alma-ata	• Bangkok/ Jakarta	• Hongkong/ Beijing
• Seoul/ Tokyo	• Guam/ Sydney	• Okhotsk
• Wellington	• Samoa/ Midway	• Honolulu, Hawaii

3. To change the (Daylight Savings Time) **DST Setting**, press the **Option** (left) soft key ( ). Use the navigation keys to highlight **Off** or **On**, then press the OK key.

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the **MENU** (OK) key, then press 7 PQRS (for **Tools**) and 1 for **Calculator**. The **Calculator** appears in the display.

2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

   Press to enter a decimal point.

   Press to change the sign for a number to a negative.

3. Use the navigation keys to set the type of calculation that you wish to perform. Your choices are as follows:
   - [**+**] Addition
   - [**-**] Subtraction
   - [**x**] Multiplication
   - [**÷**] Division
4. Use the keypad to enter the second number into your equation.
5. Press the key to perform the calculation and view the result.

Section 13: Setup

Topics Covered

- Location Setting
- Network Settings
- Security Settings
- Call Options
- Short Cut
- Language
- Clock Set
- Version

This section explains how to customize your phone to suit your needs and preferences.

Location Setting

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact your Wireless Provider to determine whether, when, or where location-based services are available.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**) and 5 for **Location**.

   The following options appear in the display:

   - **Location On** — GPS location setting is on wherever the feature is available.
   - **911 Only** — GPS location setting is on only when you dial 911.

2. Use the navigation keys to highlight the option you want.
3. Press the OK key to select the desired Location setting. You're returned to the **Setup** menu.

Network Settings

The Network settings let you select Number Assignment Module (**NAM**) settings, and **Roam Options**.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**) and 2 for **Network**. The following sub-menus appear in the display:

- **Set NAM** — If your service contract includes two phone numbers, set the NAM option to **NAM 2** to use both numbers. Otherwise, set the NAM option to **NAM 1**.
- **Roam Option** — Set your phone's roaming options to **Home Only**, **Automatic-A**, or **Automatic-B**.

2. Use the navigation keys to highlight the desired sub-menu, then press OK.
3. Use the navigation keys and press OK to highlight and select from available options.

Security Settings

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, as well as other security options.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Setup**) and 5jkl for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Press for **Lock Phone**. The following options appear in the display:
   - **Disable** — The phone remains unlocked.
   - **Enable on Power Up** — The phone locks automatically the next time your phone is powered ON and stays locked until you enter the lock code.
   - **Enable Always** — The phone locks immediately and stays locked until you enter the lock code.
3. Use the navigation keys to highlight the **Lock Phone** option of your choice.
4. Press the key to perform the function for the highlighted option.

Change Lock

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **MENU** ( ) key, then press (for **Setup**) and for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

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2. Press for **Change Lock**. You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
4. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important: DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Store Emergency Numbers

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Setup**) and 5jkl for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 3 for **Emergency #**.
3. Press 1, 2, or 3 to select from the three entry openings.
4. Enter the emergency number (up to 32 digits in length).
5. Press OK to save the number that you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number via the keypad.
2. Press SEND to place the call.

Voice Privacy

Voice privacy lets you prevent those you call from seeing your number in their display when receiving your call. Voice privacy options are Standard and Enhanced.

1. In standby mode, press the **MENU** (OK) key, then press 2 (for **Setup**) and 3 for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, the press 7 for **Voice Privacy**. The following options listed appear in the display:
   - **Standard** — Voice privacy is disabled.
   - **Enhanced** — Voice privacy is enabled.
3. Use the navigation keys to highlight the **Voice Privacy** option of your choice, then press OK.

Restriction

Restriction lets you restrict the use of your phone for outgoing calls, incoming calls, and calls placed from your Contacts.

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Setup**) and 5jkl for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 9wxyz for **Restriction**.
3. Use the navigation keys to select **Outgoing**, **Incoming**, or **Contacts**.
4. Press OK.
5. Use the navigation keys to highlight **No** or **Yes**, then press OK.

Erase Memory

Erase memory erases your Contacts. This feature is useful if you want to give your phone to a friend or family member.

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Setup**) and 5jkl for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 0oper for **Erase Memory**. A confirmation prompt appears in the display.

3. Use the navigation keys to highlight **Yes** or **No**, then press OK. A confirmation message appears in the display while your messages are being erased. Your phone then returns to the Security menu.

Reset Phone

Reset Phone returns all setup options to their factory default values.

Important! Contact U.S. Cellular Customer Service before using the Reset Phone option.

1. In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Setup**) and 5 jkl for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, the press 2 abc for **Reset Phone**. A prompt appears in the display asking if you wish to restore default settings (except for the Contacts and Voice Dial).
3. Use the navigation keys to highlight **Yes** or **No**, then press OK.

Call Options

Auto Retry

Auto Retry automatically re-dials a number if the connection fails. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. In standby mode, press the **MENU** (OK) key, then press

(for **Setup**), (for **Call Options**), and for **Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:

- **Off**
- **Every 10 sec**
- **Every 30 sec**
- **Every 60 sec**

2. Use the navigation keys to highlight the desired setting, then press .

Data

Use the **Data** menu to configure data connection speed and automatic detection settings.

Auto Detect

Select phone options for receiving data or voice, or set data reception to off.

1. In standby mode, press the **MENU** () key, then press (for **Setup**), (for **Call Options**), and for **Data**.

   The following **Data** menu items appear in the display:

   - **Auto Detect**
   - **Baud Rate**

2. Use the navigation keys to highlight **Auto Detect**, then press the key. The following options appear in the display:

   - **Data off** — No incoming data calls accepted.
   - **Data for next call** — Wait for data call for the next 10 minutes.
   - **Data until powered off** — Data calls only, no voice calls accepted, until you power the phone off and on again.

3. Use the navigation keys to highlight the Auto Detect option you want, then press the OK key.

   The **Data** menu appears in the display.

Baud Rate

Set the data connection rate.

1. In standby mode, press the **MENU** (OK) key, then press 7 pqrs (for **Setup**), 9 wxyz (for **Call Options**), and 2 abc for **Data**.

   The following **Data** menu items appear in the display:

   - **Auto Detect**
   - **Baud Rate**

2. Use the navigation keys to highlight **Baud Rate**, then press the OK key. The following **Baud Rate** options appear in the display:

   - **Auto**
   - **19200**
   - **38400**
   - **57600**
   - **115200**
   - **230400**

3. Use the navigation keys to highlight the desired Data Baud Rate option, then press the OK key.

   The **Data** menu appears in the display.

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer calls when you do one of the following:

- Press the SEND key

- Open the Flip.
- Press any key except the key or the key.

1. In standby mode, press the **MENU** (OK) key, then press (for **Setup**), (for **Call Options**), and for **Call Answer**. The **Call Answer** sub-menu with the following options appears in the display:
   - **Send Key** — Press to answer an incoming call.
   - **Flip Open** — Open the flip to answer an incoming call.
   - **Any Key** — Press any key except , , or the **Ignore** (left) soft key ( ) to answer an incoming call.
2. Use the navigation keys to highlight the method you wish to use for answering calls, then press OK.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, press the **MENU** (OK) key, then press (for **Setup**), (for **Call Options**), and for **Auto Answer**. The **Auto Answer** sub-menu with the following options appears in the display:
   - **Off**
   - **After 5 sec**
   - **After 3 sec**
   - **After 1 sec**
2. Use the navigation keys to highlight the desired setting, then press OK.

TTY Mode

Your phone is fully TTY / TDD compatible. TTY / TDD equipment is connected to your phone through the

headset connector on the left side of the phone. TTY / TDD must be enabled before you can use your phone with a TTY / TDD device.

Note: Enabling the TTY option launches an on screen warning message which describes that enabling TTY disables the headset mode.

1. In standby mode, press the **MENU** (OK) key, then press (for **Setup**), (for **Call Options**), and for **TTY Mode**. The following options appear in the display:
   - **TTY Full** — Enables TTY mode and disables microphone and earpiece.
   - **TTY + TALK** — Enables TTY mode and microphone.
   - **TTY + HEAR** — Enables TTY mode and earpiece.
   - **TTY OFF** — Disables TTY mode.
2. Use the navigation keys to highlight your selection and press OK. You're returned to the **Call Options** menu.

Note: The TTY icon appears in the top of the display when the phone is in standby mode.

International Dialing

International dialing shows a list of international dialing codes for frequently dialed countries. You can bookmark a code that you dial most frequently, and that code will be highlighted when you use this feature.

1. In standby mode, press the **MENU** key (OK), then press (for **Setup**), (for **Call Options**), and for **International Dialing**. The following options appear in the display:

- **U.K(44)**
- **Germany(49)**
- **Korea South(82)**
- **Japan(81)**
- **China(86)**
- **Brazil(55)**
- **Australia(61)**
- **France(33)**

2. Use the navigation keys to highlight your selection and press OK.

Short Cut

Short Cut lets you select which one of seven applications will launch when you press the Up navigation key while in standby mode.

1. In standby mode, press the **MENU** (OK) key, then press 7pqrs (for **Setup**), and 8tuv for **Short Cut**.The following options appear in the display:
   - **Calendar**
   - **Voice Memo**
   - **Animation**
   - **Ringer Type**
   - **Gallery**
   - **Alarm**
   - **Calculator**
   - **Memo Pad**
2. Use the navigation key to select the menu item shortcut of your choice, then press OK.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**), 1 for **Language**. The **Language** sub-menu with the following options appears in the display:
   - **English**
   - **Spanish**
2. Use the navigation keys to highlight your language preference, then press OK.

Clock Set

Use the Clock Set sub-menu to set the time and date, which can be selected as Wallpaper in the Display menu.

Note: In digital service mode, this option is disabled. Your phone adjusts itself automatically to the network time and date.

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1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**), 2 for **Clock Set**.

   The **Main Clock** screen appears in the display.
2. Enter the current time and date using your keypad:
   - Use the Left and Right navigation keys to select **am** or **pm**.
   - The hour, minute, month, and day must be entered using two digits each. You must enter the hour in 12-hour format.
   - The year must be entered with all four digits.
3. Press OK to save the time and date.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**) and 0 for **Version**.

   Your phone's software and hardware version information appears in the display.

2. Press OK to return to the **Setup** menu.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls [except Emergency (911) Calls], but allows you to use other features (such as the Tools) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **MENU** (OK) key, then press 7 (for **Setup**), and 8 for **Airplane Mode**. The following options appear in the display:
   - **Off** — Enables the radio transmitter and receiver in your phone.
   - **On** — Disables the radio transmitter and receiver in your phone.
2. Use the navigation keys to highlight the desired option, then press the OK key to save your setting.

Section 13

Section 14: Health and Safety Information

Topics Covered

- Health and Safety Information

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all

tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.5 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 1.22 W/kg
- Body-worn: 1.17 W/kg

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone,

this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

UL Certified Travel Adapter

The Travel Adapter for this phone has met UL 1310 safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS. DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure

from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS” phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called “cordless phones,” which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating

effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- "Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- "Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- “Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- “National Institute for Occupational Safety and Health
- “Environmental Protection Agency
- “Federal Communications Commission
- “Occupational Safety and Health Administration
- “National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields

(EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- "If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off

dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In

February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices.

Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.slc.gov/SLTC/radiofrequencyradiation/index.html
- National institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/emfpg.html
- World health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Radiation Protection Division of Health Protection Agency (UK): http://www.hpa.org.uk/radiation/
- Updated 4/3/2002: US food and Drug Administration http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a

car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

Operating Environment

Remember to follow any special regulations in force in any areaand always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment andfor the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also

consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and land line networks as well as

user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and / or phone features are in use. Check with local Wireless Providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local Wireless Provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and

others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the phone's receiver.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ringtones

Many services and features are network dependent and may require additional subscription and / or usage charges. Not all features are available for purchase or use in all areas. Downloadable ringtones may be available at an additional cost. Other conditions and restrictions may apply. See your Wireless Provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time)

is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short- circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty

obligations and allow you to enjoy this product for many years

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 15: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case / Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary / peripheral equipment not furnished or approved by

SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired / replaced leather cases, pouches and holsters

will be warranted for a period of ninety (90) days. All other repaired / replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND

WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES / PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES / PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY

NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE / PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES,

OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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Section 15

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